

DRAFT

Identification Label

School ID:

PIRLS 2011

School Questionnaire



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

School Questionnaire

Your school has agreed to participate in PIRLS 2011 (Progress in International Reading Literacy Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). PIRLS measures trends in student achievement in reading, and studies differences in national education systems in more than 50 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to school principals and department heads who are asked to supply information about their schools. Since your school has been selected as part of a nationwide sample, your responses are very important in helping to describe elementary education in the United States.

It is important that you answer each question carefully so that the information provided reflects the situation in your school as accurately as possible. Some of the questions will require that you look up school records, so you may wish to arrange for the assistance of another staff member to help provide this information.

Since PIRLS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States.

Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the study. It is estimated that you will need approximately 30 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution. When you have completed the questionnaire, please place it in the accompanying envelope and return it to the PIRLS school coordinator.

Thank you.

PIRLS 2011

School Enrollment and Characteristics

1

What is the total enrollment of students in your school as of March 1, 2010?

_____ students
Write in a number.

2

What is the total enrollment of fourth-grade students in your school as of March 1, 2010?

_____ students
Write in a number.

3

Approximately what percentage of students in your school have the following backgrounds?

Check one circle for each line.

0 to 10%

11 to 25%

26 to 50%

**More than
50%**

a) Come from economically
disadvantaged homes A — A — A _____ A

b) Come from economically
affluent homes----- A — A — A — A

4

Around the first of October 2010 what percentage of students at this school were eligible to receive free or reduced-price lunches through the National School Lunch Program?

_____ percentage of students

5

A. Which best describes the immediate area in which your school is located?

Check one circle only.

Urban-Densely populated A

Suburban-On fringe or
outskirts of urban area- - A

Medium size city or large town A

Small town or village-- A

Remote rural- - A

B. Which best characterizes the average income level of the school's immediate area?

Check one circle only.

High- - A

Medium- - A

Low- A

What type of school is this?Check **one** circle only.

1. Regular public elementary school A
2. A regular public school with a magnet program A
3. A magnet school or school with a special program emphasis
(e.g ., science/math school, performing arts school, talented/gifted school,
foreign language immersion school, etc.) A
4. Special education: a school that primarily serves students with disabilities
A
5. Alternative: a school that offers a curriculum designed to provide
alternative or
nontraditional education, not clearly categorized as regular or special
education A

A. Approximately what percentage of students in your school have English as their native language?*Check one circle only.*

- More than 90% - - A
- 76 to 90% - - A
- 51 to 75% - - A
- 26 to 50% - - A
- 25% or less - - A

B. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient (LEP)/English language learners (ELL)?*Check one circle only.*

- 0% - - A
- 1 to 5% - - A
- 6 to 10% - - A
- 11 to 25% - - A

26 to 50% - - A

51 to 75% - - A

76 to 90% - - A

Over 90% A

Instructional Time Resources and Technology

8

For the fourth-grade students in your school:

A. How many days per year is your school open for instruction?

_____ days
Write in the number.

B. What is the total instructional time, excluding breaks, in a typical day?

_____ hours and _____ minutes
Write in the number of hours and minutes.

C. In one calendar week, how many days is the school open for instruction?

*Check **one** circle only.*

6 days - -

5 1/2 days - -

5 days - -

4 1/2 days - -

4 days - -

Other - -

Please specify _____

9

What is the total number of computers that can be used for instructional purposes by fourth-grade students?

_____ computers
Write in the number.

10

Does your school have a science laboratory that can be used by fourth-grade students?

Check **one** circle only.

Yes - A

No - A

11

Does your school have a school library?

Check **one** circle only.

Yes - A

No - A _____

(If No, go to #10)

If Yes,

A. Approximately how many books with different titles does your school library have (exclude magazines and periodicals)?

Check **one** circle only.

250 or fewer - A

251-500 - A

501-2,000 - A

2,001-5,000 - A

5,001-10,000 - A

More than 10,000 - A

B. Approximately how many titles of magazines and other periodicals does your school library have?

Check **one** circle only.

0 - A

1-5 - A

6-10 - A

11-30 - A

31 or more - A

How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Check one circle for each line.

- Not at all**
- A little**
- Some**
- A lot**

A.-----General School Resources

- a) Second language teachers A - A _____ A _____ A
- b) Instructional materials (e.g., textbooks)----- A - A — A - A
- c) Supplies (e.g., papers, pencils)----- A - A — A - A
- d) School buildings and grounds----- A - A — A - A
- e) Heating/cooling and lighting systems----- A - A — A - A
- f) Instructional space (e.g., classrooms)----- A - A — A - A
- g) Technologically competent staff----- A - A — A - A
- h) Special equipment for physically disabled students A - A _____ A _____ A
- i) Computers for instruction A - A _____ A _____ A

B.-----Resources for Reading Instruction

- a)---Teachers with a specialization in reading A - A - A _____ A
- b) Computer software for reading instruction A - A — A - A
- c)----- Library books A - A - A - A

d) Audio-visual resources for reading instruction A - A — A - A

Check **one** circle for each line.

Not at all

A little

Some

A lot

C.-----Resources for Mathematics Instruction

a) Teachers with a specialization in mathematics---- A - A — A - A

b) Computer software for mathematics instruction A - A - A — A

c) Library materials relevant to mathematics instruction A - A — A — A

d) Audio-visual resources for mathematics instruction A - A - A — A

e) Calculators for mathematics instruction----- A - A — A - A

D.-----Resources for Science Instruction

a)----Teachers with a specialization in science A - A - A — A

b) Computer software for science instruction A - A — A - A

c) Library materials relevant to science instruction A — A - A — A

d) Audio-visual resources for science instruction A - A — A - A

e) Science equipment and materials----- A - A — A - A

Involving Parents in Your School

A. How often does your school do the following for parents concerning individual students?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about their child's learning progress
- b) Inform parents about the behavior and well-being of their child at school
- c) Discuss parents' concerns or wishes about their child's learning-----
- d) Support individual parents in helping their child with schoolwork-----

B. How often does your school ask parents to do the following?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Ask parents to raise funds for the school-----
- b) Ask parents to volunteer for school projects, programs, and trips-----
- c) Ask parents to serve on school committees

C. How often does your school do the following for parents in general?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

a) Inform parents about the overall academic achievement of the school (e.g., results of national tests, results of inspections of learning) **A** — **A** - **A** ——— **A**

b) Inform parents about school accomplishments (e.g., tournament results, facility improvements)----- **A** - **A** — **A** - **A**

c) Inform parents about the educational goals and pedagogic principles of the school----- **A** - **A** — **A** - **A**

d) Inform parents about the rules of the school **A** - **A** - **A** - **A**

e) Discuss parents' concerns or wishes about the school's organization (e.g., rules and regulations, time tables, safety measures) - **A** - **A** — **A** - **A**

f) Provide parents with additional learning materials (e.g., books, computer software) for their child to use at home ----- **A** - **A** — **A** - **A**

g) Organize workshops or seminars for parents on learning or pedagogical issues----- **A** - **A** — **A** - **A**

School Climate

How would you characterize each of the following within your school?

Check one circle for each line.

Very high
High
Medium
Low
Very low

- a)-----Teachers' job satisfaction----- A - A — A - A — A

- b)Teachers' understanding of the school's curricular goals----- A - A — A - A — A

- c)Teachers' degree of success in implementing the school's curriculum A — A - A — A — A

- d)Teachers' expectations for student achievement----- A - A — A - A — A

- e)Parental support for student achievement A — A - A — A — A

- f) Parental involvement in school activities A - A — A - A — A

- g)Students' regard for school property---- A - A — A - A — A

- h)Students' desire to do well in school----- A - A — A - A — A

A. To what degree is each of the following a problem among fourth-grade students in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late at school A — A - A _____ A
- b) Absenteeism (i.e.,
unjustified absences) A — A - A _____ A
- c) Classroom disturbance A — A - A _____ A
- d)-----Cheating A - A - A - A
- e)-----Profanity A - A - A - A
- f) Vandalism----- A - A — A - A
- g)-----Theft A - A - A - A
- h) Intimidation or verbal abuse among students (including
texting, emailing, etc.) A — A - A _____ A
- i) Physical fights among
students----- A - A — A - A
- j) Intimidation or verbal abuse of teachers or staff (including
texting, emailing, etc.) A — A - A _____ A

B. To what degree is each of the following a problem among teachers in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

a)Arriving late or leaving early A - A ——— A ——— A

b)-----Absenteeism A - A - A - A

Teachers in Your School Leadership Activities

16

In your school, are any of the following used to evaluate the practice of fourth-grade teachers?

Check one circle for each line.

Yes

No

a)-----Observations by the principal or senior staff ----- A - A

b)-----Observations by inspectors or other persons external to the school ----- A - A

c)-----Student achievement A ——— A

d)-----Teacher peer review A ——— A

17

Do fourth-grade teachers in your school have an opportunity to participate in a mentoring program?

Check one circle only.

Yes - - A

No - - A

18

Do the fourth-grade students in your school have separate teachers for any of the core subjects?

Check one circle for each line.

Yes

No

- a)-----English A _____ A
- b)-----Mathematics A _____ A
- c)-----Science A _____ A

19

During the past year, approximately how much time have you spent on the following school leadership activities in your role as a school principal?

Check one circle for each line.

No time

Some time

A lot of time

- a) Promoting the school's educational vision or goals A - A _____ A
- b) Developing the school's curricular and educational goals A _____ A _____ A
- c) Monitoring teachers' implementation of the school's educational goals in their teaching ----- A — A - A
- d) Monitoring students' learning progress to ensure that the school's educational goals are reached A _____ A _____ A
- e) Teaching some classes to understand your students and their problems A _____ A _____ A
- f) Keeping an orderly atmosphere in the school A - A _____ A
- g) Ensuring that there are clear rules for student behavior A - A _____ A
- h) --Addressing disruptive student behavior ----- A — A - A
- i) Creating a climate of trust among teachers ----- A — A - A
- j) Initiating a discussion to help teachers who have problems

in the classroom ----- A — A - A

k)Advising teachers who have questions or problems with their teaching ----- A — A - A

l) Visiting other schools or attending educational conferences for new ideas A - A ——— A

m)--Initiating educational projects or improvements A - A ——— A

n)Participating in professional development activities specifically for school principals ---- A — A - A

School Readiness Reading in Your School

20

About how many of the students in your school can do the following when they begin primary/elementary school?

Check one circle for each line.

Less than 25%

25-50%

51-75%

More than 75%

a)Recognize most of the letters of the alphabet A — A - A ——— A

b)- Read some words A - A - A - A

c)---Read sentences A - A - A - A

d)Write letters of the alphabet A - A ——— A ——— A

e)Write some words A - A - A - A

f) Count up to 100 or higher A - A ——— A ——— A

g)Recognize all 10 written numerals from 1-10 A - A - A - A

h)Write all 10 numerals from 1-10 ----- A - A — A - A

At which grade do the following reading skills and strategies first receive a major emphasis in instruction in your school?

Check **one** circle for each line.

First grade or earlier

Second grade

Third grade

Fourth grade

Not in these grades

- a) Knowing letters of the alphabet ----- A - A - A - A - A
- b) Knowing letter-sound relationships ----- A - A - A - A - A
- c) ----Reading words A - A - A - A - A
- d) Reading isolated sentences A - A - A _____ A _____ A
- e) Reading connected text A - A - A - A _____ A
- f) Locating information within the text ----- A - A - A - A - A
- g) Identifying the main ideas of what they have read A - A - A - A _____ A
- h) Explaining or supporting their understanding of what they have read ----- A - A - A - A - A
- i) Comparing what they have read with experiences they have had ----- A - A - A - A - A
- j) Comparing what they have read with other things they have read ----- A - A - A - A - A
- k) Making predictions about what will happen next in the text they are reading A - A - A - A _____ A
- l) Making generalizations and drawing inferences based on what they have read A - A - A - A _____ A
- m) Describing the style or structure of the text they have read ----- A - A - A - A - A

n)Determining the author's perspective or intention

22

Compared with other areas of the curriculum (e.g., mathematics and science), how much emphasis does your school place on teaching the following language and literacy skills to students in grades 1 to 4?

Check one circle for each line.

More emphasis

Same emphasis

Less emphasis

a)-----Reading

b)Writing (not handwriting)

c)Speaking/listening
(oral language) ----

23

For students in fourth grade and below, does your school make provisions for reading instruction in mother tongue for students whose mother tongue is not English?

Check one circle only.

Yes- -

No- -

DRAFT

Identification Label

Student ID:

PIRLS 2011

Student Questionnaire



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Directions

In this booklet, you will find questions about you and what you think. For each question, you should choose the answer you think is best.

Let us take a few minutes to practice the kinds of questions you will answer in this booklet.

Example 1 is one kind of question you will find in this booklet.

Example 1

Do you go to school?

*Fill **one** circle only.*

Yes --A

No - A

Example 2 is another kind of question you will find in this booklet.

Example 2

How often do you do these things?

*Fill **one** circle for each line.*

Every day
or almost
every day



Once or
twice a
week



Once or
twice a
month



Never or
almost
never



a) I listen to music ----- A A A A

b) I talk with my friends ----- A A A A

c) I play sports ----- A A A A

Example 3 is another kind of question you will find in this booklet.

Example 3

What do you think? Tell how much you agree with these statements.

Fill **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I like eating ice cream	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I do not like waking up early	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I enjoy doing chores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Read each question carefully, and pick the answer you think is best.
- Fill in the circle next to or under your answer.
- If you decide to change your answer, draw an **X** through your first answer, like this: . Then, fill in the circle next to or under your new answer.
- Ask for help if you do not understand something or are not sure how to answer.

About you

1

A. Are you a girl or a boy?

*Fill **one** circle only.*

Girl- - A

Boy- - A

B. Are you a Hispanic or Latino?

*- -Fill **one or more** circles*

No, I am not Hispanic or Latino - ---- A

Yes, I am Mexican, Mexican American, or Chicano -----A

Yes, I am Puerto Rican or Puerto Rican American----- A

Yes, I am Cuban or Cuban American -----A

Yes, I am from some other Hispanic or Latino background-----A

C. Which of the following best describes you?

*- -Fill **one or more** circles*

White - - -----A

Black or African American - - -----A

Asian - - -----A

American Indian or Alaska Native - -----A

Native Hawaiian or other Pacific Islander -----A

2

When were you born?

Fill the circles next to the month and year you were born.

a) Month

b) Year

January- - A

1997--- A

February- - A

1998--- A

March- - A

1999--- A

April- - A

2000--- A

May- - A

2001--- A

June- - A

2002--- A

July- - A

2003--- A

August- - A

Other--- A

September- - A

October- - A

November- - A

December- - A

3

A. How often do you speak English at home?

Fill **one** circle only.

I always or almost always
speak English at home- - A

I sometimes speak English and sometimes speak
another language at home- - A

I never speak English at home- - A

B. What language do you speak at home (other than English)?

Fill one circle only.

Spanish **A**

Other **A**

4

A. Was your mother born in the United States? (“United States” includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad.)

Fill one circle only.

Yes **A**

No **A**

I don’t know A

B. Was your stepmother or female legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don’t have a stepmother or legal guardian A

I don’t know A

C. Was your father born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't know A

D. Was your stepfather or male legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't have a stepmother or legal guardian A

I don't know A

5

A. Were you born in the United States?

Fill one circle only.

Yes **A**

No **A**

B. If you were not born in the United States, how old were you when you came to the United States?

Fill one circle only.

Older than 5 years old ----- **A**

1 to 5 years old ----- **A**

Younger than 1 year old----- **A**

6

The next question asks about people you live with. If you live in more than one place, answer the question about the place that is your home most of the time.

Fill one circle for each line.

Yes No

a) Does your mother live at home with you? ----- **A**—

-A

b) Does your stepmother or legal guardian live at home with you? -- **A**—

-A

c) Does your father live at home with you? ----- **A**—

-A

d) Does your stepfather or legal guardian live at home with you?--- **A**

-A

e) How many brothers or sisters live with you? ----- **A**—

-A

f) Does your grandmother or grandfather live at home with you? -- **A**—

-A

g) How many OTHER family members live at home with you? ----_--- _____

h) How many people live at home with you who are not part of your family?

7

About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)

*Fill **one** circle only.*

None or very few (0-10 books)- - **A** This shows 10 books

Enough to fill one shelf (11-25 books)	A	This shows 25 books
Enough to fill one bookcase (26-100 books)- - A		This shows 100 books
Enough to fill two bookcases (101-200 books)- - A		This shows 200 books
Enough to fill three or more bookcases (more than 200)- - A		This shows more than 200 books

8

Do you have any of these things at your home?

Fill **one** circle for each line.

Yes No

- a) Computer----- A _____ A
- b) Study desk/table for your use---- A _____ A
- c) Books of your very own (do not
count your school books)----- A _____ A
- d) Your own room----- A _____ A
- e) Internet connection----- A _____ A
- f) Encyclopedia (a book or CD)----- A _____ A
- g) PlayStation, Game Cube, Xbox, or other TV/Video Game
----- A _____ A
- h) VCR or DVD Player----- A _____ A
- i) Three vehicles (such as a car, small truck or sport utility
vehicle)----- A _____ A

9

A. Do you ever use a computer?

Fill **one** circle only.

Yes- - A

No- - A _____

(If No, go to question 7)

B. How often do you use a computer in each of these places?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) At home ----- A _____ A _____ A _____ A

b) At school ----- A _____ A _____ A _____ A

c) Some other place----- A _____ A _____ A _____ A

C. How often do you use a computer to do these things?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) Look up information for school - - A _____ A _____ A _____ A

b) Look up information on a topic
you like (for example, your favorite athlete,
animals you like, or places
you have traveled to) ----- A _____ A _____ A _____ A

c) Exchange information about schoolwork
online (for example, getting homework, asking

for help, discussion boards) ----- A ——— A ——— A ——— A

How often do the following things happen at home?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

- a) I talk about my schoolwork with my parents----- A _____ A _____ A _____ A
- b) My parents help me with my schoolwork----- A _____ A _____ A _____ A
- c) My parents make sure that I set aside time for my homework----- A _____ A _____ A _____ A
- d) My parents ask me what I learned in school----- A _____ A _____ A _____ A
- e) My parents check if I do my homework----- A _____ A _____ A _____ A
- f) My parents help me practice my reading----- A _____ A _____ A _____ A
- g) My parents help me practice my math skills----- A _____ A _____ A _____ A
- h) I talk with my parents about what I am reading----- A _____ A _____ A _____ A
- i) My parents like to know where I am after school----- A _____ A _____ A _____ A

11

The following questions ask about activities you do outside of school.

Fill **one** circle for each line.

Yes No

- a) Do you play on a sports team outside of school? ----- A — A
- b) Do you often play a musical instrument outside of school?----- A —
—A
- c) Are you studying something in a class outside of school?----- A —
—A
- d) Do you belong to a club outside of school
(like Girl Scouts, Cub Scouts, or 4-H)?----- A — A

12

How many days were you absent from school in the last month?

Fill **one** circle only.

None -----A

1 or 2 days-----A

3 or 4 days -----A

5 to 10 days -----A

More than 10 days A

Your School

13

What do you think about your school? Tell how much you agree with these statements.

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

- a) I like being in school----- A _____ A _____ A _____ A _____
- b) I feel safe when I am at school--- A _____ A _____ A _____ A _____
- c) I feel like I belong at this school- A _____ A _____ A _____ A _____

14

During this year, how often have any of the following things happened to you at school?

Fill **one** circle for each line.

At least once a week Once or twice a month A few times a year Never

- a) I was made fun of or called names A - A - A - A
- b) I was left out of games or activities by other students----- A _____ A _____ A _____ A _____
- c) Someone spread lies about me- - A _____ A _____ A _____ A _____
- d) Something was stolen from me- - A _____ A _____ A _____ A _____
- e) I was hit or hurt by other student(s) (such as, shoving, hitting, kicking) A - A - A - A
- f) I was made to do things I didn't

want to do by other students----- A _____ A _____ A _____ A

Reading outside of school

15

How much time do you spend reading outside of school on a normal school day?

Fill one circle only.

Less than 30 minutes- - A

30 minutes up to 1 hour- - A

From 1 hour up to 2 hours- - A

2 hours or more- - A

16

How often do you do these things outside of school?

Fill one circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) I read for fun ----- A _____ A _____ A _____ A

b) I read things that I
choose myself ----- A _____ A _____ A _____ A

c) I read to find out about things I

want to learn about ----- A _____ A _____ A _____ A

17

How often do you read these things outside of school (in print or online)?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) I read stories or novels ----- A _____ A _____ A _____ A

b) I read books that explain things
(for example, you might read about
your favorite athlete, about animals
you like, or a place you visited) - A _____ A _____ A _____ A

c) I read magazines ----- A _____ A _____ A _____ A

d) I read comic books ----- A _____ A _____ A _____ A

Using the library

18

How often do you borrow books from your school or local library?

*Fill **one** circle only.*

At least once a week- - A

Once or twice a month- - A

A few times a year- - A

Never or almost never- - A

Lessons about reading

19

Think about your lessons about the reading you do for school. Tell how much you agree with each of these statements.

Fill **one** circle for each line.

- | | Agree
a lot | Agree
a little | Disagree
a little | Disagree
a lot |
|---|----------------|-------------------|----------------------|-------------------|
| a) I like what I read about
in school | A | A | A | A |
| b) The things my teacher asks
me to read are difficult | A | A | A | A |
| c) My teacher gives me interesting
things to read | A | A | A | A |
| d) I know what my teacher
expects me to do | A | A | A | A |
| e) I have difficulty paying attention | A | - A | - A | - A |
| f) I think of things not related to
the lesson | A | A | A | A |
| g) My teacher is easy to understand | A | - A | - A | - A |
| h) I am interested in what my
teacher says | A | A | A | A |
| i) My teacher gives me interesting
things to do | A | A | A | A |

20

In school, how often do these things happen?

Fill **one** circle for each line.

- | Every day
or almost
every day | Once or
twice a
week | Once or
twice a
month | Never or
almost
never |
|-------------------------------------|----------------------------|-----------------------------|-----------------------------|
|-------------------------------------|----------------------------|-----------------------------|-----------------------------|

a) I read silently on my own ----- A _____ A _____ A _____ A

b) I read books that I choose myself A -A -A - A

What you think about reading

21

What do you think about reading? Tell how much you agree with each of these statements.

*Fill **one** circle for each line.*

Agree a lot	Agree a little	Disagree a little	Disagree a lot
------------------------	---------------------------	------------------------------	---------------------------

- | | | | | | | | |
|---|---|-------|---|-------|---|-------|---|
| a) I read only if I have to ----- | A | _____ | A | _____ | A | _____ | A |
| b) I like talking about what I read
with other people ----- | A | _____ | A | _____ | A | _____ | A |
| c) I would be happy if someone gave
me a book as a present ----- | A | _____ | A | _____ | A | _____ | A |
| d) I think reading is boring ----- | A | _____ | A | _____ | A | _____ | A |
| e) I would like to have more
time for reading ----- | A | _____ | A | _____ | A | _____ | A |
| f) I enjoy reading ----- | A | _____ | A | _____ | A | _____ | A |

How well do you read? Tell how much you agree with each of these statements.

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I usually do well in reading ----- A _____ A _____ A _____ A
- b) Reading is easy for me ----- A _____ A _____ A _____ A
- c) Reading is harder for me than
for many of my classmates ----- A _____ A _____ A _____ A
- d) I learn more from reading than
most of my classmates ----- A _____ A _____ A _____ A
- e) If a book is interesting, I don't
care how hard it is to read ----- A _____ A _____ A _____ A
- f) I have trouble reading
stories with difficult words ----- A _____ A _____ A _____ A
- g) My teacher tells me I am
a good reader ----- A _____ A _____ A _____ A
- h) Reading is harder for me than
other subjects ----- A _____ A _____ A _____ A

Reasons for reading

23

Do you read for any of the following reasons? Tell how much you agree with each of these statements.

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I like to get compliments for my reading ----- A _____ A _____ A _____ A
- b) I like to read things that make me think ----- A _____ A _____ A _____ A
- c) It is important to be a good reader ----- A _____ A _____ A _____ A
- d) My parents like it when I read --- A _____ A _____ A _____ A
- e) I learn a lot from reading ----- A _____ A _____ A _____ A
- f) I need to read well for my future A - A - A - A
- g) I read to do better in school ----- A _____ A _____ A _____ A
- h) I like reading stories that are entertaining (*for example, funny, scary, or with exciting adventures*) ----- A _____ A _____ A _____ A
- i) Being a good reader helps me do better in school ----- A _____ A _____ A _____ A
- j) I read to please my teacher ----- A _____ A _____ A _____ A
- k) I like it when a book helps me imagine other worlds ----- A _____ A _____ A _____ A

l) Being a good reader helps me
in my daily life

A ——— A ——— A ——— A

DRAFT

Identification Label

Class Name:

Teacher ID:

Teacher Link #:

PIRLS 2011

Teacher Questionnaire



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Teacher *Questionnaire*

Your school has agreed to participate in PIRLS 2011 (Progress in International Reading Literacy Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). PIRLS measures trends in student achievement in reading and studies differences in national education systems in more than 50 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to teachers of fourth-grade students, and seeks information about teachers' academic and professional backgrounds, classroom resources, instructional practices, and attitudes toward teaching. Since your class has been selected as part of a nationwide sample, your responses are very important in helping to describe fourth-grade education in the United States.

Some of the questions in the questionnaire refer to the "PIRLS class" or "this class". This is the class that is identified on the front of this booklet, and which will be tested as part of PIRLS in your school. If you teach some but not all of the students in the PIRLS class, please think only of the students that you teach when answering these class-specific questions. It is important that you answer each question carefully so that the information that you provide reflects your situation as accurately as possible.

Since PIRLS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the studies.

It is estimated that you will need approximately 45 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution. When you have completed the questionnaire, please place it in the accompanying envelope and return it to the PIRLS school coordinator

Thank you.

PIRLS 2011

About You

1

By the end of this school year, how many years will you have been teaching altogether?

_____ years
Please **round** to the nearest whole number.

2

Are you female or male?

Check **one** circle only.

Female -- A

Male -- A

3

How old are you?

Check **one** circle only.

Under 25 -- A

25-29 -- A

30-39 -- A

40-49 -- A

50-59 -- A

60 or more -- A

4

What is the highest level of formal education you have completed?

Check one circle only.

- Did not complete high school A
- Completed high school - - A
- Completed a vocational/technical certificate after high school A
- Completed an Associate's degree (AA) in vocational/technical program A
- Completed an Associate's degree (AA) or Bachelor's degree A
- Completed an academic Master's degree, postgraduate certificate program (e.g., teaching) or first professional degree (e.g., law, medicine, dentistry) A
- Completed a doctorate (Ph.D. or Ed.D) A

5

A. During your post-secondary education, what was your major or main area(s) of study?

Check one circle for each line.

- | | Yes | No | | |
|---------------------------------------|-----|----|-------|---|
| a)-----Education - Primary/Elementary | A | | ----- | A |
| b)-----Education - Secondary | A | | ----- | A |
| c)-----Mathematics | A | | ----- | A |
| d)-----Science | A | | ----- | A |
| e)-----English | A | | ----- | A |
| f) Other ----- | A | A | | |

B. If your major or main area of study was education, did you have a specialization in any of the following?

Check one circle for each line.

- | | Yes | No | | |
|--------------------|-----|----|-------|---|
| a)-----Mathematics | A | | ----- | A |

b)-----Science A _____ A

c)-----Language/reading A _____ A

d)-----Other subject A _____ A

About Your School

6

How would you characterize each of the following within your school?

Check one circle for each line.

Very high
High
Medium
Low
Very low

- a) Teachers' job satisfaction A - A - A _____ A _____ A
- b) Teachers' understanding of the school's curricular goals ----- A - A - A - A - A
- c) Teachers' degree of success in implementing the school's curriculum A - A - A - A _____ A
- d) Teachers' expectations for student achievement ----- A - A - A - A - A
- e) Parental support for student achievement A - A - A - A _____ A
- f) Parental involvement in school activities A - A - A - A - A
- g) Students' regard for school property --- A - A - A - A - A
- h) Students' desire to do well in school ----- A - A - A - A - A

Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements.

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

- a) This school is located in a safe neighborhood A — A - A _____ A
- b) I feel safe at this school A - A - A _____ A
- c) This school's security policies and practices are sufficient A - A _____ A _____ A
- d) The students behave in an orderly manner ---- A - A — A - A
- e) The students are respectful of the teachers ---- A - A — A - A

In your current school, how severe is each problem?

Check **one** circle for each line.

Not a problem

Minor problem

Moderate problem

**Serious
problem**

- a) The school building needs significant repair -- A - A — A - A
- b) Classrooms are overcrowded A - A _____ A _____ A
- c) Teachers have too many teaching hours ---- A - A — A - A
- d) Teachers do not have adequate workspace (e.g., for preparation, collaboration, or meeting with students) A - A _____ A _____ A

e) Teachers do not have adequate instructional materials and supplies A — A - A ——— A

About Being a Teacher

9

A. Do you use computers in your teaching?

*Check **one** circle only.*

Yes -

No - _____

(If No, go to #10)

If Yes,

B. How much do you agree with the following statements about using computers in your teaching?

*Check **one** circle for each line.*

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

a) I feel comfortable using computers in my teaching - _____ _____

b) When I have technical problems, I have ready access to computer support staff in my school - _____ _____

c) I receive adequate support for integrating computers in my teaching activities - - -

How often do you have the following types of interactions with other teachers?

Check one circle for each line.

Never or almost never

2 or 3 times per month

**1-3 times
per week**

**Daily or
almost
daily**

a) Discuss how to teach

a particular topic - - - -

b) Collaborate in planning and preparing instructional materials ----- - - -

c) Share what I have learned about my teaching experiences - - - - -

d) Visit another classroom to learn more about teaching - - - - -

e) - - Work together to try out new ideas - - - -

About Teaching the PIRLS Class

11

How much do you agree with the following statements?

Check one circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

- a) I am content with my profession
as a teacher ----- A - A — A - A
- b) I am satisfied with being a
teacher at this school A — A - A _____ A
- c) I had more enthusiasm when
I began teaching than I
have now ----- A - A — A - A
- d) I do important work as
a teacher ----- A - A — A - A
- e) I plan to continue as a
teacher for as long as I can A - A _____ A _____ A
- f) I am frustrated as a teacher A - A _____ A _____ A

12

A. How many students are in this class?

_____ students
Write in a number.

B. How many of the students in #12A are in fourth-grade?

_____ fourth-grade students
Write in a number.

How often do you do the following in teaching this class?

Check one circle for each line.
Every or almost every lesson
About half the lessons
Some lessons
Never

- a) Summarize what students should have learned from the lesson ----- A - A — A - A
- b) Relate the lesson to students' daily lives A - A - A - A
- c) Use questioning to elicit reasons and explanations A - A — A — A
- d) Encourage all students to improve their performance A - A — A — A
- e) Praise students for good effort ----- A - A — A - A
- f) Bring interesting materials to class ----- A - A — A - A

In your view, to what extent do the following limit how you teach this class?

Check one circle for each line.
Not applicable
Not at all
Some
A lot

- a) Students lacking prerequisite knowledge or skills ----- A - A — A - A
- b) Students suffering from lack of basic nutrition A — A - A — A
- c) Students suffering from not enough sleep - A - A — A - A
- d) Students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment) A - A — A — A
- e) Disruptive students A - A - A - A
- f) Uninterested students A — A - A — A

For the typical student in this class, how often do you do these things?

*Check **one** circle for each line.*

At least once a week

Once or twice a month

4-6 times a year

1-3 times a year

Never

a) Meet or talk individually with the student's parents
to discuss his/her
learning progress - A - A — A - A — A

b) Send home a progress report on the student's
learning ----- A - A — A - A — A

Teaching Reading to the PIRLS Class

18

A. In a typical week, how much time do you spend on English language instruction and/or activities with the students?

Include instruction or activities in reading, writing, speaking, literature, and other language skills.

_____ hours and _____ minutes per week
Write in the hours and minutes.

B. What proportion of the time spent on English language instruction and/or activities is spent on the following skills?

Write in the percentage for each.

- a)-----Reading _____%
- b)-----Grammar and spelling _____%
- c)-----Writing composition _____%
- d)-----Speaking and listening _____%
- e)-----Other _____%

Total = 100%

19

Regardless of whether or not you have formally scheduled time for reading instruction, in a typical week about how much time do you spend on reading instruction and/or activities with the students?

Include things you do across curriculum areas and during formally scheduled time for reading instruction.

_____ hours and _____ minutes per week
Write in the hours and minutes.

Questions 20-27 ask about reading instruction for the fourth-grade students in this class.

20

When you have reading instruction and/or do reading activities, how often do you organize students in the following ways?

Check **one** circle for each line.

Always or almost always

Often

Sometimes

Never

- a) I teach reading as a whole-class activity A - A - A - A
- b) I create same-ability groups A - A ——— A ——— A
- c) I create mixed-ability groups A - A ——— A ——— A
- d) I use individualized instruction for reading A — A - A ——— A
- e) Students work independently on an assigned plan or goal A - A ——— A ——— A
- f) Students work independently on a goal they choose themselves ----- A - A — A - A

21

A. How many fourth-grade students need remedial instruction in reading?

_____ fourth-grade students in this class
Write in a number.

B. How many of the students in #21A receive remedial instruction in reading?

_____ fourth-grade students in this class
Write in a number.

A. Is there any provision for advanced readers to receive additional or more challenging reading instruction in your school?

Check one circle only.

Yes - A

No - A _____

(If No, go to #23)

If Yes,

B. How many fourth-grade students receive additional or more challenging reading instruction because they are advanced readers?

_____ fourth-grade students in this class
Write in a number.

When you have reading instruction and/or do reading activities with the students, how do you use the following resources?

Check one circle for each line.

Basis for instruction

Supplement

Not used

a)-----Textbooks A - A - A

b)Reading series (e.g., basal readers, graded readers) -- A - A — A

c)-----Workbooks or worksheets ----- A - A — A

d)A variety of children's books (e.g., novels, collections of stories, nonfiction) A - A - A

e)Materials from different curricular areas -- A - A — A

f) Children's newspapers
and/or magazines A - A - A

g) Computer software for
reading instruction A - A - A

h) Reference materials (e.g.,
encyclopedia, dictionary) A — A — A

**When you have reading instruction and/or do reading activities with the students,
how often
do you have the students read the following types of text (in print or electronically)?**

Check one circle for each line.

- Every or almost every day**
- Once or twice a week**
- Once or twice a month**
- Never or almost never**

A. Literary Reading Materials

a) Short stories (e.g., fables, fairy tales, action stories, science fiction,
detective stories) A - A - A - A

b) Longer fiction books with
chapters ----- A - A - A - A

c)-----Plays A - A - A - A

d)-----Other A - A - A - A

**B. Informational Reading
Materials**

a) Nonfiction subject area
books or textbook A - A - A - A

b) Longer nonfiction books with
chapters ----- A - A - A - A

c) Nonfiction articles that
describe and explain about
things, people, events, or
how things work - A - A - A - A

When you have reading instruction and/or do reading activities with the students, how often do you do the following?

Check one circle for each line.

Every day or almost every day

Once or twice a week

Once or twice a month

Never or almost never

- a) Read aloud to the class A - A - A _____ A
- b) Ask students to read aloud A - A _____ A _____ A
- c) Ask students to read silently
on their own ----- A - A — A - A
- d) Give students time to read
books of their own choosing A - A _____ A _____ A
- e) Teach students strategies for
decoding sounds and words A - A _____ A _____ A
- f) Teach students new
vocabulary systematically A - A _____ A _____ A
- g) Teach or model skimming
or scanning strategies A — A - A _____ A

How often do you ask the students to do the following things to help develop reading comprehension skills or strategies?

Check one circle for each line.

Every day or almost every day

Once or twice a week

**Once or twice a
month**

**Never or
almost
never**

- a) Locate information within
the text ----- A - A — A - A
- b) Identify the main ideas
of what they have read A - A - A ——— A
- c) Explain or support their understanding of what they
have read ----- A - A — A - A
- d) Compare what they have read with experiences they
have had ----- A - A — A - A
- e) Compare what they have read with other things they
have read ----- A - A — A - A
- f) Make predictions about what will happen next in the
text they are reading A — A - A ——— A
- g) Make generalizations and draw inferences based on
what they have read A — A - A ——— A
- h) Describe the style or structure of the text they
have read ----- A - A — A - A
- i) Determine the author's
perspective or intention A - A - A ——— A

After students have read something, how often do you ask them to do the following?

Check one circle for each line.

Every day or almost every day

Once or twice a week

**Once or twice a
month**

**Never or
almost
never**

a) Write something about or in response to what they
have read -----

b) Answer oral questions about or orally summarize
what they have read

c) Talk with each other about
what they have read

d) Take a written quiz or test
about what they have read

Computer and Library Resources

28

A. Do the fourth-grade students in the PIRLS class have computer(s) available to use during their reading lessons?

Yes - A

No - A _____

(If No, go to 29)

If Yes,

B. Do any of the computers have access to the Internet?

Check one circle only.

Yes - A

No - A

C. How often do you have students do the following computer activities during their reading lessons?

Check one circle for each line.

Every day or almost every day

Once or twice a week

Once or twice a month

Never or almost never

a) Look up information A — A — A _____ A

b) Read stories or other texts
on the computer - A — A — A — A

c) Use instructional software to develop reading skills
and strategies ---- A — A — A — A

d) Use the computer to
write stories or other texts A — A _____ A _____ A

A. Do you have a library or reading corner in your classroom?

Check **one** circle only.

Yes - -

No - - _____

(If No, go to 30)

If Yes,

B. About how many books are in your classroom library?

Check **one** circle only.

0-25 - -

26-50 - -

51-100 - -

More than 100 - -

C. About how many magazines with different titles are in your classroom library?

Check **one** circle only.

0 - -

1-2 - -

3-5 - -

More than 5 - -

D. How often do you give the students in your class time to use the classroom library or reading corner?

Check **one** circle only.

Every day or almost every day

Once or twice a week

Once or twice a month

Never or almost never

E. Can the students borrow books from the classroom library or reading corner to take

home?

*Check **one** circle only.*

Yes - A

No - A

Reading Homework

30

How often do you take or send the students to a library other than your classroom library?

Check one circle only.

At least once or twice a week A

Once or twice a month A

A few times a year- - A

Never or almost never A

Questions 31-33 ask about homework for the fourth-grade students in this class.

31

How often do you assign reading as part of homework (for any subject)?

Check one circle only.

I do not assign reading
for homework- - _____

(Go to 32)

Less than once a week A

1 or 2 times a week- A

3 or 4 times a week- A

Every day- - A

32

In general, how much time do you expect students to spend on homework involving reading (for any subject) each time you assign it?

Check one circle only.

15 minutes or less- - A

16-30 minutes- - A

31-60 minutes - - A

More than 60 minutes A

33

How often do you do the following with the reading homework assignments for this class?

Check one circle for each line.

Always or almost always

Sometimes

**Never or
almost never**

a) Correct assignments and give
feedback to students A — A ——— A

b) Discuss the homework
in class ----- A - A — A

c) Monitor whether or not the
homework was completed A ——— A ——— A

Reading Difficulties

Assessing Reading

Questions 34-35 ask about how you deal with reading difficulties of fourth-grade students in this class.

34

Are the following resources available to you to work with students who have difficulty with reading?

Check **one** circle for each line.

Always

Sometimes

Never

a) A specialized professional (e.g., reading specialist, speech therapist) - - -

b) A teacher-aide - -

c) An adult/parent volunteer _____ _____

35

What do you usually do if a student begins to fall behind in reading?

Check **one** circle for each line.

Yes

No

a) -----I have the student work with a specialized professional (e.g., reading specialist, speech therapist) ----- -

b) -----I wait to see if performance improves with maturation ----- -

c) -----I spend more time working on reading individually with that student -

d) -----I ask the parents to help the student

with reading ----- A - A

36

How much emphasis do you place on the following sources to monitor students' progress in reading?

Check one circle for each line.

Major emphasis

Some emphasis

Little or no emphasis

- a) Evaluation of students' ongoing work ----- A - A — A
- b) Classroom tests (for example, teacher-made or textbook tests) A - A — A
- c) ---State or district achievement tests A - A - A

Education in Teaching Reading

37

As part of your formal education and/or training, to what extent did you study the following areas?

Check one circle for each line.

Not at all

**Overview or introduction
to topic**

**It was an area
of emphasis**

- a)-----English A - A - A
- b)Pedagogy/teaching reading A ——— A ——— A
- c)Educational psychology A - A ——— A
- d) Remedial reading A - A - A
- e)---Reading theory A - A - A
- f)Special education A - A — A
- g)Second language learning A ——— A ——— A
- h)Assessment methods
in reading ----- A - A — A

38

In the past two years, how many hours in total have you spent in in-service/professional development workshops or seminars that dealt directly with reading or teaching reading (e.g., reading theory, instructional methods)?

Check one circle only.

- None- - A
- Less than 6 hours- - A
- 6-15 hours- - A
- 16-35 hours- - A
- More than 35 hours- A

For your professional development, about how often do you read children's books?

*Check **one** circle only.*

At least once a week

Once or twice a month

Once or twice a year

Never or almost never

DRAFT

Identification Label

School ID:

TIMSS 2011

School Questionnaire Grade 4



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

School Questionnaire

Your school has agreed to participate in TIMSS 2011 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science, and studies differences in national education systems in more than 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to school principals and department heads who are asked to supply information about their schools. Since your school has been selected as part of a nationwide sample, your responses are very important in helping to describe primary/elementary education in the United States.

It is important that you answer each question carefully so that the information provided reflects the situation in your school as accurately as possible. Some of the questions will require that you look up school records, so you may wish to arrange for the assistance of another staff member to help provide this information.

Since TIMSS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the study.

It is estimated that you will need approximately 30 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution.

When you have completed the questionnaire, please place it in the accompanying envelope and return it to the TIMSS school coordinator.

Thank you.

TIMSS 2011

A. Which best describes the immediate area in which your school is located?

Check one circle only.

Urban-Densely populated A

Suburban-On fringe or
outskirts of urban area- A

Medium size city or large town A

Small town or village- A

Remote rural- A

B. Which best characterizes the average income level of the school's immediate area?

Check one circle only.

High- A

Medium- A

Low- A

What type of school is this?Check **one** circle only.

1. Regular public elementary school A
2. A regular public school with a magnet program A
3. A magnet school or school with a special program emphasis
(e.g ., science/math school, performing arts school, talented/gifted school,
foreign language immersion school, etc.) A
4. Special education: a school that primarily serves students with disabilities
A
5. Alternative: a school that offers a curriculum designed to provide
alternative or
nontraditional education, not clearly categorized as regular or special
education A

A. Approximately what percentage of students in your school have English as their native language?*Check one circle only.*

- More than 90%- - A
- 76 to 90%- - A
- 51 to 75%- - A
- 26 to 50%- - A
- 25% or less- - A

B. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient (LEP)/English language learners (ELL)?*Check one circle only.*

- 0%- - A
- 1 to 5% -- A

6 to 10% - - A
11 to 25% - - A
26 to 50% - - A
51 to 75% - - A
76 to 90% - - A
Over 90% A

Instructional Time Resources and Technology

8

For the fourth-grade students in your school:

A. How many days per year is your school open for instruction?

_____ days
Write in the number.

B. What is the total instructional time, excluding breaks, in a typical day?

_____ hours and _____ minutes
Write in the number of hours and minutes.

C. In one calendar week, how many days is the school open for instruction?

Check one circle only.

6 days - - A

5 1/2 days - - A

5 days - - A

4 1/2 days - - A

4 days - - A

Other - - A

Please specify _____

9

What is the total number of computers that can be used for instructional purposes by fourth-grade students?

_____ computers
Write in the number.

10

Does your school have a science laboratory that can be used by fourth-grade students?

Check one circle only.

Yes - A

No - A

11

Does your school have a school library?

Check one circle only.

Yes - A

No - A _____

(If No, go to #12)

If Yes,

A. Approximately how many books with different titles does your school library have (exclude magazines and periodicals)?

Check one circle only.

250 or fewer - A

251-500 - A

501-2,000 - A

2,001-5,000 - A

5,001-10,000 - A

More than 10,000 - A

B. Approximately how many titles of magazines and other periodicals does your school library have?

Check one circle only.

0 - A

1-5 - A

6-10 - A

11-30 - A

31 or more - A

How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Check one circle for each line.

- Not at all**
- A little**
- Some**
- A lot**

A.-----General School Resources

- a) Second language teachers A - A _____ A _____ A
- b) Instructional materials (e.g.,
textbooks)----- A - A — A - A
- c) Supplies (e.g., papers,
pencils)----- A - A — A - A
- d) School buildings and
grounds----- A - A — A - A
- e) Heating/cooling and lighting
systems----- A - A — A - A
- f) Instructional space (e.g.,
classrooms)----- A - A — A - A
- g) Technologically competent
staff----- A - A — A - A
- h) Special equipment for
physically disabled students A - A _____ A _____ A
- i) Computers for instruction A - A _____ A _____ A

Involving Parents in Your School

13

A. How often does your school do the following for parents concerning individual students?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about their child's learning progress - - - -
- b) Inform parents about the behavior and well-being of their child at school - - -
- c) Discuss parents' concerns or wishes about their child's learning----- - - -
- d) Support individual parents in helping their child with schoolwork----- - - -

B. How often does your school ask parents to do the following?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Ask parents to raise funds for the school----- - - -
- b) Ask parents to volunteer for school projects, programs, and trips----- - - -
- c) Ask parents to serve on school committees - - -

C. How often does your school do the following for parents in general?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

a) Inform parents about the overall academic achievement of the school (e.g., results of national tests, results of inspections of learning) **A** — **A** - **A** ——— **A**

b) Inform parents about school accomplishments (e.g., tournament results, facility improvements)----- **A** - **A** — **A** - **A**

c) Inform parents about the educational goals and pedagogic principles of the school----- **A** - **A** — **A** - **A**

d) Inform parents about the rules of the school **A** - **A** - **A** - **A**

e) Discuss parents' concerns or wishes about the school's organization (e.g., rules and regulations, time tables, safety measures) - **A** - **A** — **A** - **A**

f) Provide parents with additional learning materials (e.g., books, computer software) for their child to use at home ----- **A** - **A** — **A** - **A**

g) Organize workshops or seminars for parents on learning or pedagogical issues----- **A** - **A** — **A** - **A**

School Climate

How would you characterize each of the following within your school?

Check one circle for each line.

Very high
High
Medium
Low
Very low

- a)-----Teachers' job satisfaction----- A - A — A - A — A
- b)Teachers' understanding of the school's curricular goals----- A - A — A - A — A
- c)Teachers' degree of success in implementing the school's curriculum A — A - A — A _____ A
- d)Teachers' expectations for student achievement----- A - A — A - A — A
- e)Parental support for student achievement A — A - A — A _____ A
- f) Parental involvement in school activities A - A — A - A — A
- g)Students' regard for school property----- A - A — A - A — A
- h)Students' desire to do well in school----- A - A — A - A — A

A. To what degree is each of the following a problem among fourth-grade students in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late at school A — A - A ——— A
- b) Absenteeism (i.e.,
unjustified absences) A — A - A ——— A
- c) Classroom disturbance A — A - A ——— A
- d)-----Cheating A - A - A - A
- e)-----Profanity A - A - A - A
- f) Vandalism----- A - A — A - A
- g)-----Theft A - A - A - A
- h) Intimidation or verbal abuse among students (including
texting, emailing, etc.) A — A - A ——— A
- i) Physical fights among
students----- A - A — A - A
- j) Intimidation or verbal abuse of teachers or staff (including
texting, emailing, etc.) A — A - A ——— A

B. To what degree is each of the following a problem among teachers in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem

**Serious
problem**

- a) Arriving late or leaving early A - A ——— A ——— A
- b) Absenteeism A - A - A - A

Teachers in Your School Leadership Activities

16

In your school, are any of the following used to evaluate the practice of fourth-grade teachers?

*Check **one** circle for each line.*

Yes

No

- a) Observations by the principal or senior staff A - A
- b) Observations by inspectors or other persons external to the school A - A
- c) Student achievement A ——— A
- d) Teacher peer review A ——— A

17

Do fourth-grade teachers in your school have an opportunity to participate in a mentoring program?

*Check **one** circle only.*

Yes - A

No - A

18

Do the fourth-grade students in your school have separate teachers for any of the core subjects?

Check **one** circle for each line.

Yes

No

- a)-----English A _____ A
- b)-----Mathematics A _____ A
- c)-----Science A _____ A

19

During the past year, approximately how much time have you spent on the following school leadership activities in your role as a school principal?

Check **one** circle for each line.

No time

Some time

A lot of time

- a) Promoting the school's educational vision or goals A - A _____ A
- b) Developing the school's curricular and educational goals A _____ A _____ A
- c) Monitoring teachers' implementation of the school's educational goals in their teaching ----- A — A - A
- d) Monitoring students' learning progress to ensure that the school's educational goals are reached A _____ A _____ A
- e) Teaching some classes to understand your students and their problems A _____ A _____ A
- f) Keeping an orderly atmosphere in the school A - A _____ A
- g) Ensuring that there are clear rules for student behavior A - A _____ A
- h) --Addressing disruptive student behavior ----- A — A - A

- i) Creating a climate of trust among teachers ----- A — A - A
- j) Initiating a discussion to help teachers who have problems in the classroom ----- A — A - A
- k) Advising teachers who have questions or problems with their teaching ----- A — A - A
- l) Visiting other schools or attending educational conferences for new ideas A - A _____ A
- m) --Initiating educational projects or improvements A - A _____ A
- n) Participating in professional development activities specifically for school principals ---- A — A - A

School Readiness Reading in Your School

20

About how many of the students in your school can do the following when they begin primary/elementary school?

Check **one** circle for each line.

Less than 25%

25-50%

51-75%

More than 75%

- a) Recognize most of the letters of the alphabet A — A - A _____ A
- b) - Read some words A - A - A - A
- c) ---Read sentences A - A - A - A
- d) Write letters of the alphabet A - A _____ A _____ A
- e) Write some words A - A - A - A
- f) Count up to 100 or higher A - A _____ A _____ A

g) Recognize all 10 written numerals from 1-10 A - A - A - A

h) Write all 10 numerals from 1-10 ----- A - A - A - A

At which grade do the following reading skills and strategies first receive a major emphasis in instruction in your school?

Check **one** circle for each line.

First grade or earlier

Second grade

Third grade

Fourth grade

Not in these grades

a) Knowing letters of the alphabet ----- A - A - A - A - A

b) Knowing letter-sound relationships ----- A - A - A - A - A

c) Reading words A - A - A - A - A

d) Reading isolated sentences A - A - A _____ A _____ A

e) Reading connected text A - A - A - A _____ A

f) Locating information within

the text ----- A - A — A - A — A

g) Identifying the main ideas

of what they have read A - A - A - A — A

h) Explaining or supporting their understanding of what they

have read ----- A - A — A - A — A

i) Comparing what they have read with experiences they

have had ----- A - A — A - A — A

j) Comparing what they have read with other things they

have read ----- A - A — A - A — A

k) Making predictions about what will happen next in the

text they are reading A — A - A — A — A

l) Making generalizations and drawing inferences based on

what they have read A — A - A — A — A

m) Describing the style or structure of the text they

have read ----- A - A — A - A — A

n) Determining the author's

perspective or intention A - A - A - A — A

22

Compared with other areas of the curriculum (e.g., mathematics and science), how much emphasis does your school place on teaching the following language and literacy skills to students in grades 1 to 4?

Check one circle for each line.

More emphasis

Same emphasis

Less emphasis

a)-----Reading A - A - A

b) Writing (not handwriting) A — A — A

c) Speaking/listening

(oral language) ---- A - A — A

23

For students in fourth grade and below, does your school make provisions for reading instruction in mother tongue for students whose mother tongue is not English?

*Check **one** circle only.*

Yes - A

No - A

DRAFT

Identification Label

Student ID:

TIMSS 2011

Student Questionnaire Grade 4



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Directions

In this booklet, you will find questions about you and what you think. For each question, you should choose the answer you think is best.

Let us take a few minutes to practice the kinds of questions you will answer in this booklet.

Example 1 is one kind of question you will find in this booklet.

Example 1

Do you go to school?

*Fill **one** circle only.*

Yes --A

No - A

Example 2 is another kind of question you will find in this booklet.

Example 2

How often do you do these things?

*Fill **one** circle for each line.*

Every day
or almost
every day



Once or
twice a
week



Once or
twice a
month



Never or
almost
never



a) I listen to music ----- A A A A

b) I talk with my friends ----- A A A A

c) I play sports ----- A A A A

Example 3 is another kind of question you will find in this booklet.

Example 3

What do you think? Tell how much you agree with these statements.

Fill **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I like eating ice cream	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I do not like waking up early	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I enjoy doing chores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Read each question carefully, and pick the answer you think is best.
- Fill in the circle next to or under your answer.
- If you decide to change your answer, draw an **X** through your first answer, like this: ~~X~~. Then, fill in the circle next to or under your new answer.
- Ask for help if you do not understand something or are not sure how to answer.

About you

1

D. Are you a girl or a boy?

*Fill **one** circle only.*

Girl- - A

Boy- - A

E. Are you a Hispanic or Latino?

*- -Fill **one or more** circles*

No, I am not Hispanic or Latino - ---- A

Yes, I am Mexican, Mexican American, or Chicano -----A

Yes, I am Puerto Rican or Puerto Rican American----- A

Yes, I am Cuban or Cuban American -----A

Yes, I am from some other Hispanic or Latino background-----A

F. Which of the following best describes you?

*- -Fill **one or more** circles*

White - - -----A

Black or African American - - -----A

Asian - - -----A

American Indian or Alaska Native - -----A

Native Hawaiian or other Pacific Islander -----A

2

When were you born?

Fill the circles next to the month and year you were born.

a) Month

b) Year

January- - A

1997--- A

February- - A

1998--- A

March- - A

1999--- A

April- - A

2000--- A

May- - A

2001--- A

June- - A

2002--- A

July- - A

2003--- A

August- - A

Other--- A

September- - A

October- - A

November- - A

December- - A

3

C. How often do you speak English at home?

*Fill **one** circle only.*

I always or almost always
speak English at home- - A

I sometimes speak English and sometimes speak
another language at home- - A

I never speak English at home- - A

D. What language do you speak at home (other than English)?

Fill one circle only.

Spanish **A**

Other **A**

4

D. Was your mother born in the United States? (“United States” includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad.)

Fill one circle only.

Yes **A**

No **A**

I don’t know A

E. Was your stepmother or female legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don’t have a stepmother or legal guardian A

I don’t know A

F. Was your father born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't know A

D. Was your stepfather or male legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't have a stepmother or legal guardian A

I don't know A

5

C. Were you born in the United States?

Fill one circle only.

Yes **A**

No **A**

D. If you were not born in the United States, how old were you when you came to the United States?

Fill one circle only.

Older than 5 years old ----- **A**

1 to 5 years old ----- **A**

Younger than 1 year old----- **A**

6

The next question asks about people you live with. If you live in more than one place, answer the question about the place that is your home most of the time.

Fill one circle for each line.

Yes No

a) Does your mother live at home with you? ----- **A-**

-A

b) Does your stepmother or legal guardian live at home with you? -- **A-**

-A

c) Does your father live at home with you? ----- **A-**

-A

d) Does your stepfather or legal guardian live at home with you?---- **A**

-A

e) How many brothers or sisters live with you? ----- **A—**

-A

f) Does your grandmother or grandfather live at home with you? --- **A-**

-A

g) How many OTHER family members live at home with you? -----

h) How many people live at home with you who are not part of your family?

7

About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)

Fill **one** circle only.

None or very few (0-10 books)- - This shows 10 books

Enough to fill one shelf (11-25 books) This shows 25 books

Enough to fill one bookcase
(26-100 books)- - This shows 100 books

Enough to fill two bookcases
(101-200 books)- - This shows 200 books

Enough to fill three or more bookcases
(more than 200)- - This shows more than 200 books

8

Do you have any of these things at your home?

Fill **one** circle for each line.

- | | Yes | No |
|---|----------------------------------|-----------------------|
| a) Computer----- | <input checked="" type="radio"/> | <input type="radio"/> |
| b) Study desk/table for your use---- | <input checked="" type="radio"/> | <input type="radio"/> |
| c) Books of your very own (do not count your school books)----- | <input checked="" type="radio"/> | <input type="radio"/> |
| d) Your own room----- | <input checked="" type="radio"/> | <input type="radio"/> |
| e) Internet connection----- | <input checked="" type="radio"/> | <input type="radio"/> |
| f) Encyclopedia (a book or CD)----- | <input checked="" type="radio"/> | <input type="radio"/> |
| g) PlayStation, Game Cube, Xbox, or other TV/Video Game----- | <input checked="" type="radio"/> | <input type="radio"/> |
| h) VCR or DVD Player----- | <input checked="" type="radio"/> | <input type="radio"/> |
| i) Three vehicles (such as a car, small truck or sport utility vehicle) | <input checked="" type="radio"/> | <input type="radio"/> |

9

A. Do you ever use a computer?

Fill **one** circle only.

Yes- - A

No- - A _____

(If No, go to question 10)

B. How often do you use a computer in each of these places?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) At home ----- A _____ A _____ A _____ A

b) At school ----- A _____ A _____ A _____ A

c) Some other place----- A _____ A _____ A _____ A

C. How often do you use a computer to do these things?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

a) Look up information for school - - A _____ A _____ A _____ A

b) Look up information on a topic
you like (for example, your favorite athlete,
animals you like, or places
you have traveled to) ----- A _____ A _____ A _____ A

c) Exchange information about schoolwork
online (for example, getting homework, asking
for help, discussion boards) ----- A _____ A _____ A _____ A

How often do the following things happen at home?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
--	-------------------------------------	--------------------------------------	--------------------------------------

- a) I talk about my schoolwork with my parents----- A _____ A _____ A _____ A
- b) My parents help me with my schoolwork----- A _____ A _____ A _____ A
- c) My parents make sure that I set aside time for my homework----- A _____ A _____ A _____ A
- d) My parents ask me what I learned in school----- A _____ A _____ A _____ A
- e) My parents check if I do my homework----- A _____ A _____ A _____ A
- f) My parents help me practice my reading----- A _____ A _____ A _____ A
- g) My parents help me practice my math skills----- A _____ A _____ A _____ A
- h) I talk with my parents about what I am reading----- A _____ A _____ A _____ A
- i) My parents like to know where I am after school----- A _____ A _____ A _____ A

11

The following questions ask about activities you do outside of school.

Fill **one** circle for each line.

Yes No

- a) Do you play on a sports team outside of school? ----- A — A
- b) Do you often play a musical instrument outside of school?----- A-----
—A
- c) Are you studying something in a class outside of school?----- A —
—A
- d) Do you belong to a club outside of school
(like Girl Scouts, Cub Scouts, or 4-H)?----- A — A

12

How many days were you absent from school in the last month?

Fill **one** circle only.

- None -----A
- 1 or 2 days-----A
- 3 or 4 days -----A
- 5 to 10 days -----A
- More than 10 days A

Your School

13

What do you think about your school? Tell how much you agree with these statements.

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I like being in school----- A _____ A _____ A _____ A _____
- b) I feel safe when I am at school--- A _____ A _____ A _____ A _____
- c) I feel like I belong at this school- A _____ A _____ A _____ A _____

14

During this year, how often have any of the following things happened to you at school?

Fill **one** circle for each line.

At least once a week **Once or twice a month** **A few times a year** **Never**

- a) I was made fun of or called names A _____ - A _____ - A _____ - A _____
- b) I was left out of games or activities by other students----- A _____ A _____ A _____ A _____
- c) Someone spread lies about me- - A _____ A _____ A _____ A _____
- d) Something was stolen from me- - A _____ A _____ A _____ A _____
- e) I was hit or hurt by other student(s) (such as, shoving, hitting, kicking) A _____ - A _____ - A _____ - A _____
- f) I was made to do things I didn't

want to do by other students----- A ——— A ——— A ——— A

Mathematics in School

15

How much do you agree with these statements about learning mathematics?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I enjoy learning mathematics ---- A _____ A _____ A _____ A
- b) I wish I did not have to study
mathematics ----- A _____ A _____ A _____ A
- c) Mathematics is boring ----- A _____ A _____ A _____ A
- d) I learn many interesting
things in mathematics ----- A _____ A _____ A _____ A
- e) I like mathematics ----- A _____ A _____ A _____ A
- f) Learning mathematics takes
hard work ----- A _____ A _____ A _____ A
- g) It is important to do well
in mathematics ----- A _____ A _____ A _____ A

How much do you agree with these statements about your mathematics lessons?

Fill **one** circle for each line.

Agree a lot	Agree a little	Disagree a little	Disagree a lot
----------------	-------------------	----------------------	-------------------

- a) I know what my teacher expects me to do ----- A ——— A ——— A ——— A
- b) I have difficulty paying attention A ——— A ——— A ——— A
- c) I think of things not related to the lesson ----- A ——— A ——— A ——— A
- d) My teacher is easy to understand A - A - A - A
- e) I am interested in what my teacher says ----- A ——— A ——— A ——— A
- f) My teacher gives me interesting things to do ----- A ——— A ——— A ——— A

How much do you agree with these statements about mathematics?

Fill **one** circle for each line.

Agree a lot	Agree a little	Disagree a little	Disagree a lot
----------------	-------------------	----------------------	-------------------

- a) I usually do well in mathematics A _____ A _____ A _____ A _____
- b) Mathematics is harder for me
than for many of my classmates A _____ A _____ A _____ A _____
- c) I am just not good at mathematics
-----A _____ A _____ A _____ A _____
- d) I learn things quickly
in mathematics ----- A _____ A _____ A _____ A _____
- e) I am good at working out difficult
mathematics problems ----- A _____ A _____ A _____ A _____
- f) My teacher tells me I am good
at mathematics ----- A _____ A _____ A _____ A _____
- g) Mathematics is harder for me
than any other subject ----- A _____ A _____ A _____ A _____
- h) I keep working on mathematics
problems until I am finished ----- A _____ A _____ A _____ A _____

Science in School

18

How much do you agree with these statements about learning science?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I enjoy learning science ----- A ——— A ——— A ——— A
- b) I wish I did not have to
study science ----- A ——— A ——— A ——— A
- c) I read about science in my
spare time ----- A ——— A ——— A ——— A
- d) Science is boring ----- A ——— A ——— A ——— A
- e) I learn many interesting
things in science ----- A ——— A ——— A ——— A
- f) I like science ----- A ——— A ——— A ——— A
- g) Learning science takes
hard work ----- A ——— A ——— A ——— A
- h) It is important to do well
in science ----- A ——— A ——— A ——— A

How much do you agree with these statements about your science lessons?

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

- a) I know what my teacher expects me to do ----- A _____ A _____ A _____ A
- b) I have difficulty paying attention A - A - A - A
- c) I think of things not related to the lesson ----- A _____ A _____ A _____ A
- d) My teacher is easy to understand A - A - A - A
- e) I am interested in what my teacher says ----- A _____ A _____ A _____ A
- f) My teacher gives me interesting things to do ----- A _____ A _____ A _____ A

How much do you agree with these statements about science?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I usually do well in science ----- A _____ A _____ A _____ A
- b) Science is harder for me
than for many of my classmates A _____ A _____ A _____ A
- c) I am just not good at science ---- A _____ A _____ A _____ A
- d) I learn things quickly
in science ----- A _____ A _____ A _____ A
- e) My teacher tells me I am good
at science ----- A _____ A _____ A _____ A
- f) Science is harder for me
than any other subject ----- A _____ A _____ A _____ A
- g) I keep working on science
problems until I am finished ----- A _____ A _____ A _____ A

DRAFT

Identification Label

Class Name:

Teacher ID:

Teacher Link #:

TIMSS 2011

**Teacher
Questionnaire
Grade 4**



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Teacher *Questionnaire*

Your school has agreed to participate in TIMSS 2011 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science and studies differences in national education systems in more than 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to teachers of fourth-grade students, and seeks information about teachers' academic and professional backgrounds, classroom resources, instructional practices, and attitudes toward teaching. Since your class has been selected as part of a nationwide sample, your responses are very important in helping to describe fourth-grade education in the United States.

Some of the questions in the questionnaire refer to the "TIMSS class" or "this class". This is the class that is identified on the front of this booklet, and which will be tested as part of TIMSS in your school. If you teach some but not all of the students in the TIMSS class, please think only of the students that you teach when answering these class-specific questions. It is important that you answer each question carefully so that the information that you provide reflects your situation as accurately as possible.

Since TIMSS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the studies. It is estimated that you will need approximately 45 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution.

When you have completed the questionnaire, please place it in the accompanying envelope and return it to the TIMSS school coordinator.

Thank you.

TIMSS 2011

About You

1

By the end of this school year, how many years will you have been teaching altogether?

_____ years
Please **round** to the nearest whole number.

2

Are you female or male?

Check **one** circle only.

Female -- A

Male -- A

3

How old are you?

Check **one** circle only.

Under 25 -- A

25-29 -- A

30-39 -- A

40-49 -- A

50-59 -- A

60 or more -- A

4

What is the highest level of formal education you have completed?

Check one circle only.

- Did not complete high school A
- Completed high school- - A
- Completed a vocational/technical certificate after high school A
- Completed an Associate's degree (AA) in vocational/technical program A
- Completed an Associate's degree (AA) or Bachelor's degree A
- Completed an academic Master's degree, postgraduate certificate program (e.g., teaching) or first professional degree (e.g., law, medicine, dentistry) A
- Completed a doctorate (Ph.D. or Ed.D) A

5

A. During your college or university education, what was your major or main area(s) of study?

Check one circle for each line.

Yes

No

- a)-----Education - Primary/Elementary A _____
----- A
- b)-----Education - Secondary A _____ A
- c)-----Mathematics A _____ A
- d)-----Science A _____ A
- e)-----English A _____ A
- f) Other ----- A - A

B.If your major or main area of study was education, did you have a specialization in any of the following?

Check one circle for each line.

Yes

No

- | | | | |
|-------------------------|---|---------|---|
| a)-----Mathematics | A | _____ | A |
| b)-----Science | A | _____ | A |
| c)-----Language/reading | | A _____ | A |
| d)-----Other subject | A | _____ | A |

About Your School

6

How would you characterize each of the following within your school?

Check **one** circle for each line.

Very high

High

Medium

Low

Very low

a)-----Teachers' job

satisfaction ----- A - A - A - A - A

b)Teachers' understanding
of the school's curricular

goals ----- A - A - A - A - A

c)Teachers' degree of
success in implementing

the school's curriculum A - A - A - A - A

d)Teachers' expectations
for student

achievement ----- A - A - A - A - A

e)Parental support for

student achievement A - A - A - A - A

f) Parental involvement

in school activities A - A - A - A - A

g)Students' regard for

school property --- A - A - A - A - A

h)Students' desire to do

well in school ----- A - A - A - A - A

Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements.

Check one circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

- a) This school is located in a safe neighborhood A — A — A — A
- b) I feel safe at this school A — A — A — A
- c) This school's security policies and practices are sufficient A — A — A — A
- d) The students behave in an orderly manner ---- A — A — A — A
- e) The students are respectful of the teachers ---- A — A — A — A

In your current school, how severe is each problem?

Check one circle for each line.

Not a problem

Minor problem

Moderate problem

**Serious
problem**

- a) The school building needs significant repair -- A — A — A — A
- b) Classrooms are overcrowded A — A — A — A
- c) Teachers have too many teaching hours ---- A — A — A — A
- d) Teachers do not have

adequate workspace (e.g., for
preparation, collaboration,
or meeting with students)

A - A ——— A ——— A

e) Teachers do not have
adequate instructional
materials and supplies

A — A - A ——— A

About Being a Teacher

9

A. Do you use computers in your teaching?

*Check **one** circle only.*

Yes - -

No - _____

(If No, go to #10)

If Yes,

B. How much do you agree with the following statements about using computers in your teaching?

*Check **one** circle for each line.*

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

a) I feel comfortable using computers in my teaching - _____ _____

b) When I have technical problems, I have ready access to computer support staff in my school - _____ _____

c) I receive adequate support for integrating computers in my teaching activities - - -

How often do you have the following types of interactions with other teachers?

Check one circle for each line.

Never or almost never

2 or 3 times per month

**1-3 times
per week**

**Daily or
almost
daily**

a) Discuss how to teach
a particular topic - - — -

b) Collaborate in planning
and preparing instructional
materials ----- - — -

c) Share what I have
learned about my
teaching experiences — - —

d) Visit another classroom
to learn more about teaching - — —

e) - Work together to
try out new ideas - - — -

About Teaching the TIMSS Class

11

How much do you agree with the following statements?

Check one circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

a) I am content with my profession
as a teacher ----- A - A — A - A

b) I am satisfied with being a
teacher at this school A — A - A ——— A

c) I had more enthusiasm when
I began teaching than I
have now ----- A - A — A - A

d) I do important work as
a teacher ----- A - A — A - A

e) I plan to continue as a
teacher for as long as I can A - A ——— A ——— A

f) I am frustrated as a teacher A - A ——— A ——— A

12

A. How many students are in this class?

_____ students
Write in a number.

B. How many of the students in #12A are in fourth-grade?

_____ fourth-grade students
Write in a number.

the lesson ----- A - A — A - A

b) Relate the lesson to students' daily lives A - A - A - A

c) Use questioning to elicit reasons and explanations A - A — A — A

d) Encourage all students to improve their performance A - A — A — A

e) Praise students for good effort ----- A - A — A - A

f) Bring interesting materials to class ----- A - A — A - A

16

In your view, to what extent do the following limit how you teach this class?

Check **one** circle for each line.

Not applicable

Not at all

Some

A lot

a) --Students lacking prerequisite knowledge or skills ----- A - A — A - A

b) Students suffering from lack of basic nutrition A — A - A — A

c) Students suffering from not enough sleep - A - A — A - A

d) Students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment) A - A — A — A

e) Disruptive students A - A - A - A

f) Uninterested students A — A - A — A

For the typical student in this class, how often do you do these things?

*Check **one** circle for each line.*

At least once a week

Once or twice a month

4-6 times a year

1-3 times a year

Never

a) Meet or talk individually
with the student's parents
to discuss his/her
learning progress - A - A — A - A — A

b) Send home a progress
report on the student's
learning ----- A - A — A - A — A

Teaching Mathematics to the TIMSS Class

Questions 18-20 ask about mathematics instruction for the fourth-grade students

in the TIMSS class.

18

In a typical week, how much time do you spend teaching mathematics to the students in this class?

_____ hours and _____ minutes per week
Write in the hours and minutes.

19

In teaching mathematics to this class, how confident do you feel to do the following?

Check one circle for each line.

Very confident

Somewhat confident

Not confident

a) Answer students' questions

about mathematics

b) Show students a variety of

problem solving strategies

c) Provide challenging tasks

for capable students

d) Adapt my teaching to

engage students' interest

e) Help students appreciate

the value of learning
mathematics

In teaching mathematics to this class, how often do you usually ask students to do the following?

Check **one** circle for each line.

Every or almost every lesson

About half the lessons

Some lessons

Never

- a) Listen to me explain how to solve problems ---- A - A — A - A
- b) Memorize rules, procedures, and facts ----- A - A — A - A
- c) Work problems (individually or with peers) with my guidance A - A — A — A
- d) Work problems together in the whole class with direct guidance from me A - A — A - A
- e) Work problems (individually or with peers) while I am occupied by other tasks ----- A - A — A - A
- f) Explain their answers A — A - A — A
- g) Relate what they are learning in mathematics to their daily life - - A - A — A - A
- h) Take a written test or quiz A - A — A — A

Resources for Teaching Mathematics

Questions 21-23 ask about resources for teaching mathematics to the fourth-grade students in the TIMSS class.

21

When you teach mathematics to this class, how do you use the following resources?

*Check **one** circle for each line.*

Basis for instruction

Supplement

Not used

a)-----Textbooks A - A - A

b)-----Workbooks or
worksheets ----- A - A - A

c)Concrete objects or
materials that help
students understand
quantities or procedures A - A ——— A

d)Computer software for
mathematics instruction A - A ——— A

22

Are the students in this class permitted to use calculators during mathematics lessons?

*Check **one** circle only.*

Yes, with unrestricted use A

Yes, with restricted use A

No, calculators are not permitted A

A. Do the students in this class have computer(s) available to use during their mathematics lessons?

Check **one** circle only.

Yes - A

No - A _____

(If No, go to #24)

If Yes,

B. Do any of the computer(s) have access to the Internet?

Check **one** circle only.

Yes - A

No - A

C. How often do you have the students do the following computer activities?

Check **one** circle for each line.

Every or almost every day

Once or twice a week

Once or twice a month

Never or almost never

a) Look up ideas and information ----- A - A — A - A

b) Use instructional software to develop and practice skills and procedures A — A - A _____ A

Mathematics Topics Taught

Questions 24-25 ask about the topics taught and the content covered in teaching mathematics to the fourth-grade students in the TIMSS class.

24

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the fourth grade, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

Check **one** circle for each line.

Mostly taught before this year

Mostly taught this year

Not yet taught or just introduced

A. Number

- a)-----Concepts of whole numbers, including place value and ordering ----- **A - A - A**
- b)-----Adding, subtracting, multiplying, and/or dividing with whole numbers ----- **A - A - A**
- c)-----Concepts of fractions (fractions as parts of a whole or of a collection, or as a location on a number line; comparing and ordering fractions) ----- **A - A - A**
- d)-----Adding and subtracting with fractions ----- **A - A - A**
- e)-----Concepts of decimals, including place value and ordering ----- **A - A - A**
- f) Adding and subtracting with decimals ----- **A - A - A**
- g)-----Number sentences (finding the missing number, modeling simple situations with number sentences) **A -**

-----A - A

h)-----Number patterns
(extending number patterns and finding missing terms) ----- A - A - A

B. Geometric Shapes and Measures

a)-----Lines: measuring,
estimating length of; parallel and perpendicular lines ----- A - A - A

b)-----Comparing and
drawing angles ----- A - A - A

c)-----Using informal
coordinate systems to locate points in a plane (e.g., in square B4) ----- A - A - A

d)-----Elementary
properties of common geometric shapes ----- A - A - A

e)-----Reflections and
rotations ----- A - A - A

f) Relationships between two-dimensional and three-dimensional shapes A - A - A

g)-----Finding and
estimating areas, perimeters and volumes ----- A - A - A

C. Data Display

a)-----Reading data from
tables, pictographs, bar graphs, or pie charts ----- A - A - A

b)-----Drawing
conclusions from data displays ----- A - A - A

c)-----Displaying data
using tables, pictographs, and bar graphs ----- A - A - A

Mathematics Content Coverage

Mathematics Homework

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following mathematics content areas for the students in this class?

Write in the percentage for each.

a)---Number (includes computation with whole numbers, fractions, decimals and pre-algebraic concepts, including number patterns)----- _____%

b)-----Geometric Shapes and Measures (includes two- and three-dimensional shapes, length, area and volume) _____%

c)Data Display (includes reading, making, and interpreting tables and graphs) _____%

d)-----Other, please specify:
_____----- _____%

Total = 100%

Question 26 asks about mathematics homework for the fourth-grade students in the TIMSS class.

26

A. How often do you usually assign mathematics homework to the students in this class?

Check one circle only.

I do not assign mathematics homework- - _____

(Go to #10)

Less than once a week A

1 or 2 times a week- A

3 or 4 times a week- A

Every day- - A

B. When you assign mathematics homework to the students in this class, about how many minutes do you usually assign? (Consider the time it would take an average student in your class.)

Check one circle only.

15 minutes or less- - A

16-30 minutes- - A

31-60 minutes- - A

more than 60 minutes A

C. How often do you do the following with the mathematics homework assignments for this class?

Check one circle for each line.

Always or almost always

Sometimes

Never or almost

Never

a)Correct assignments and give feedback to students _____ _____ _____

b) Discuss the homework

in class ----- A - A — A

c) Monitor whether or not the

homework was completed A ——— A ——— A

Mathematics Assessment Preparation to Teach Mathematics

Question 27 asks about mathematics assessment for the fourth-grade students in the TIMSS class.

27

How much emphasis do you place on the following sources to monitor students' progress in mathematics?

Check one circle for each line.

Major emphasis

Some emphasis

Little or no

emphasis

a) Evaluation of students'

ongoing work ----- A - A — A

b) Classroom tests (for

example, teacher made or

textbook tests) ---- A - A — A

c) ---State or district

achievement tests A - A - A

28

In the past two years, have you participated in professional development in any of the following?

Check one circle for each line.

Yes

No

a)-----Mathematics content	A	_____	A
b)-----Mathematics pedagogy/instruction -----A		A	_____
c)-----Mathematics curriculum	A	_____	A
d)-----Integrating information technology into mathematics -----A - A			
e)-----Mathematics assessment	A	_____	A
f) Addressing individual students' needs	A	_____	A

How well prepared do you feel you are to teach the following mathematics topics? If a topic is not in the fourth-grade curriculum or you are not responsible for teaching this topic you may check "not applicable."

Check one circle for each line.

Not applicable
Very well prepared

Somewhat prepared
Not well prepared

A. Number

a)-----Concepts of whole numbers, including place value and ordering -----A - A - A - A			
b)-----Adding, subtracting, multiplying and/or dividing with whole numbers -----A - A - A - A			
c)-----Concepts of fractions (fractions as parts of a whole or of a collection, or as a location on a number line; comparing and ordering fractions) -----A - A - A - A			
d)-----Adding and subtracting with fractions -----A - A - A - A			
e)-----Concepts of decimals, including place value and ordering -----A - A - A - A			

- f) Adding and subtracting with decimals ----- A - A - A - A
- g)-----Number sentences
(finding the missing number, modeling simple situations with number sentences) A -
-----A - A - A
- h)-----Number patterns
(extending number patterns and finding missing terms) ----- A - A - A - A

B. Geometric Shapes and Measures

- a)-----Lines: measuring,
estimating length of; parallel and perpendicular lines ----- A - A - A - A
- b)-----Comparing and
drawing angles ----- A - A - A - A
- c)-----Using informal
coordinate systems to locate points in a plane (e.g., in square B4) ----- A - A - A - A
- d)-----Elementary
properties of common geometric shapes ----- A - A - A - A
- e)-----Reflections and
rotations ----- A - A - A - A
- f) Relationships between two-dimensional and three-dimensional shapes A - A - A - A
- g)-----Finding and
estimating areas, perimeters and volumes ----- A - A - A - A

C. Data Display

- a)-----Reading data from
tables, pictographs, bar graphs, or pie charts ----- A - A - A - A
- b)-----Drawing
conclusions from data displays ----- A - A - A - A
- c)-----Displaying data
using tables, pictographs, and bar graphs ----- A - A - A - A

Teaching Science to the
TIMSS Class

Questions 30-32 ask about science instruction for the fourth-grade students in the
TIMSS class.

30

Is science taught mainly as a separate subject (i.e., not integrated with other subjects) to the students in this class?

Check one circle only.

Yes - A

No - A

A. If Yes,

How much time do you spend teaching science to the students in this class?

_____ hours and _____ minutes per week
Write in the hours and minutes.

B. If No,

Please estimate the time that you spend on science topics with students in this class.

_____ hours and _____ minutes per week
Write in the hours and minutes.

In teaching science to this class, how confident do you feel to do the following?

Check one circle for each line.

Very confident

Somewhat confident

Not confident

a) Answer students' questions

about science ----- A - A — A

b) Explain science concepts
or principles by doing

science experiments A — A ——— A

c) Provide challenging tasks

for capable students A — A ——— A

d) Adapt my teaching to

engage students' interest A ——— A ——— A

e) Help students appreciate
the value of learning

science ----- A - A — A

In teaching science to the students in this class, how often do you usually ask them to do the following?

Check **one** circle for each line.

Every or almost every lesson

About half the lessons

Some lessons

Never

- a) Observe natural phenomena such as the weather or a plant growing and describe what they see ----- A - A — A - A
- b) Watch me demonstrate an experiment or investigation A - A ——— A ——— A
- c) Design or plan experiments or investigations -- A - A — A - A
- d) Conduct experiments or investigations ----- A - A — A - A
- e) Read their textbooks or other resource materials A - A ——— A ——— A
- f) Have students memorize facts and principles A - A - A - A
- g) Give explanations about something they are studying ----- A - A — A - A
- h) Relate what they are learning in science to their daily lives ---- A - A — A - A
- i) Do field work outside the class A ——— A ——— A ———
-----A
- j) Take a written test or quiz A - A ——— A ——— A

Questions 33-34 ask about resources for teaching science to the fourth-grade students in the TIMSS class.

33

When you teach science to this class, how do you use the following resources?

Check **one** circle for each line.

Basis for instruction

Supplement

Not used

a)-----Textbooks A - A - A

b)-----Workbooks or
worksheets ----- A - A — A

c)Science equipment and
materials ----- A - A — A

d)Computer software for
science instruction A - A — A

e)Reference materials
(e.g., encyclopedia, dictionary) A ——— A ———A

34

A. Do the students in this class have computer(s) available to use when you are teaching science?

Check **one** circle only.

Yes- - A

No- - A ———

(If No, go to #6)

If Yes,

B. Do any of the computer(s) have access to the Internet?

Check **one** circle only.

Yes - -

No - -

C. How often do you have the students do the following computer activities?

Check **one** circle for each line.

Every or almost every day

Once or twice a week

Once or twice a month

Never or almost never

a) Look up ideas and information ----- - - -

b) Use instructional software to develop and practice skills and procedures - - - -

Science Topics Taught

Questions 35-36 ask about the topics taught and the content covered in teaching science to the fourth-grade students in the TIMSS class.

35

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the fourth grade, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

Check **one** circle for each line.

Mostly taught before this year

Mostly taught this year

Not yet taught or just introduced

A. Life Science

- a)-----Major body structures and their functions in humans and other organisms (plants and animals) **A**
----- **A - A**
- b)-----Life cycles and reproduction in plants and animals ----- **A - A - A**
- c)-----Physical features, behavior, and survival of organisms living in different environments ---- **A - A - A**
- d)-----Relationships in a given community (e.g., simple food chains, predator-prey relationships) **A - A - A**
- e)-----Changes in environments (effects of human activity, pollution and its prevention) -- **A - A - A**
- f) Human health (e.g., transmission/prevention of communicable diseases, signs of health/illness, diet, exercise) ----- **A - A - A**

B. Physical Science

- a)-----States of matter

(solids, liquids, gases) and differences in their physical properties (shape, volume), including changes in state of matter by heating and cooling ----- A - A - A

b)-----Classification of objects/materials based on physical properties (e.g., weight/mass, volume, magnetic attraction) ----- A - A - A

c)-----Forming and separating mixtures ----- A - A - A

d)-----Familiar changes in materials (e.g., decaying, burning, rusting, cooking) ----- A - A - A

e)-----Common energy sources/forms and their practical uses (e.g., the Sun, electricity, water, wind) A - A - -----A

f) Light (e.g., sources, behavior) ----- A - A - A

g)-----Electrical circuits and properties of magnets ----- A - A - A

h)-----Forces that cause objects to move (e.g., gravity, push/pull forces) ----- A - A - A

C. Earth Science

a)-----Water on Earth (location, types, and movement) and air (composition, proof of its existence, uses) A ----- A - A

b)-----Common features of Earth's landscape (e.g., mountains, plains, rivers, deserts) and relationship to human use (e.g., farming, irrigation, land development) ----- A - A - A

c)-----Weather conditions from day to day or over the seasons ----- A - A - A

d)-----Fossils of animals and plants (age, location, formation) ----- A - A - A

e)-----Earth's solar system (planets, Sun, moon) ----- A - A - A

f) Day, night, and shadows due to Earth's rotation and its relationship to the Sun A - A ----- A

Science Content Coverage
Science Homework

36

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the students in this class?

Write in the percentage for each.

a)-----Life science (includes environmental issues)----- _____%

b)-----Physical science (includes topics in physics and chemistry) _____%

c)-----Earth science (includes Earth and the solar system)----- _____%

d)-----Other, please specify:
_____ _____%

Total = 100%

Question 37 asks about science homework for the fourth-grade students in the TIMSS class.

37

A. How often do you usually assign science homework to the students in this class?

Check one circle only.

I do not assign science homework- - _____

(Go to #9)

Less than once a week A

1 or 2 times a week- A

3 or 4 times a week- A

Every day- - A

B. When you assign science homework to the students in this class, about how many minutes do you usually assign? (Consider the time it would take an average student in your class.)

Check one circle only.

15 minutes or less- - A

16-30 minutes- - A

31-60 minutes- - A

more than 60 minutes A

C. How often do you do the following with the science homework assignments for this class?

Check one circle for each line.

Always or almost always

Sometimes

**Never or almost
Never**

a) Correct assignments and give feedback to students _____ _____ _____ _____ _____

b) Discuss the homework

in class ----- A - A — A

c) Monitor whether or not the

homework was completed A ——— A ——— A

Science Assessment Preparation to Teach Science

Question 38 asks about science assessment for the fourth-grade students in the TIMSS class.

38

How much emphasis do you place on the following sources to monitor students' progress in science?

Check one circle for each line.

Major emphasis

Some emphasis

Little or no

emphasis

a) Evaluation of students'

ongoing work ----- A - A — A

b) Classroom tests (for example, teacher made or

textbook tests) ---- A - A — A

c) National or regional

achievement tests A - A - A

39

In the past two years, have you participated in professional development in any of the following?

Check one circle for each line.

Yes

No

- e)-----Changes in environments (effects of human activity, pollution and its prevention) -- A - A - A - A
- f) Human health (e.g., transmission/prevention of communicable diseases, signs of health/illness, diet, exercise) ----- A - A - A - A

B. Physical Science

- a)-----States of matter (solids, liquids, gases) and differences in their physical properties (shape, volume), including changes in state of matter by heating and cooling ----- A - A - A - A
- b)-----Classification of objects/materials based on physical properties (e.g., weight/mass, volume, magnetic attraction) ----- A - A - A - A
- c)-----Forming and separating mixtures ----- A - A - A - A
- d)-----Familiar changes in materials (e.g., decaying, burning, rusting, cooking) ----- A - A - A - A
- e)-----Common energy sources/forms and their practical uses (e.g., the Sun, electricity, water, wind) A - A - ----- A - A
- f) Light (e.g., sources, behavior) ----- A - A - A - A
- g)-----Electrical circuits and properties of magnets ----- A - A - A - A
- h)-----Forces that cause objects to move (e.g., gravity, push/pull forces) ----- A - A - A - A

C. Earth Science

- a)-----Water on Earth (location, types, and movement) and air (composition, proof of its existence, uses) A ----- A - A - A
- b)-----Common features of Earth's landscape (e.g., mountains, plains, rivers, deserts) and relationship to human use (e.g., farming, irrigation, land development) ----- A - A - A - A
- c)-----Weather conditions

from day to day or over the seasons ----- A - A - A - A

d)-----Fossils of animals
and plants (age, location, formation) ----- A - A - A - A

e)-----Earth's solar
system (planets, Sun, moon) ----- A - A - A - A

f) Day, night, and shadows due to Earth's rotation and its relationship to the Sun A - A
----- A - A

DRAFT

Identification Label

School ID:

TIMSS 2011

School Questionnaire Grade 8



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

School Questionnaire

Your school has agreed to participate in TIMSS 2011 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science, and studies differences in national education systems in more than 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to school principals and department heads who are asked to supply information about their schools. Since your school has been selected as part of a nationwide sample, your responses are very important in helping to describe secondary education in the United States.

It is important that you answer each question carefully so that the information provided reflects the situation in your school as accurately as possible. Some of the questions will require that you look up school records, so you may wish to arrange for the assistance of another staff member to help provide this information.

Since TIMSS is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the study.

It is estimated that you will need approximately 30 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution.

When you have completed the questionnaire, please place it in the accompanying envelope and return it to the school coordinator.

Thank you.

TIMSS 2011

School Enrollment and Characteristics

1

What is the total enrollment of students in your school as of March 1, 2010?

_____ students
Write in a number.

2

What is the total enrollment of eighth-grade students in your school as of March 1, 2010?

_____ students
Write in a number.

3

Approximately what percentage of students in your school have the following backgrounds?

Check one circle for each line.

0 to 10%

11 to 25%

26 to 50%

**More than
50%**

a) Come from economically
disadvantaged homes A — A — A _____ A

b) Come from economically
affluent homes ---- A — A — A — A

4

Around the first of October 2010 what percentage of students at this school were eligible to receive free or reduced-price lunches through the National School Lunch Program?

_____ percentage of students

foreign language immersion school, etc.)

A

4. Special education: a school that primarily serves students with disabilities

A

5. Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular or special education

A

7

A. Approximately what percentage of students in your school have English as their native language?

Check one circle only.

More than 90% -- A

76 to 90% -- A

51 to 75% -- A

26 to 50% -- A

25% or less -- A

B. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient (LEP)/English language learners (ELL)?

Check one circle only.

0% -- A

1 to 5% -- A

6 to 10% -- A

11 to 25% -- A

26 to 50% -- A

51 to 75% -- A

76 to 90% -- A

Over 90% A

Instructional Time Resources and Technology

8

For the eighth-grade students in your school:

A. How many days per year is your school open for instruction?

_____ days
Write in the number.

B. What is the total instructional time, excluding breaks, in a typical day?

_____ hours and _____ minutes
Write in the number of hours and minutes.

C. In one calendar week, how many days is the school open for instruction?

*Check **one** circle only.*

6 days - - A

5 1/2 days - - A

5 days - - A

4 1/2 days - - A

4 days - - A

Other - - A

Please specify _____

9

What is the total number of computers that can be used for instructional purposes by eighth-grade students?

_____ computers
Write in the number.

10

A. Does your school have a science laboratory that can be used by eighth-grade students?

Check one circle only.

Yes -

No -

B. Do teachers usually have assistance available when students are conducting science experiments?

Check one circle only.

Yes -

No -

11

Is anyone available to help your teachers use information and communication technology for teaching and learning?

Check one circle only.

Yes -

No -

How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Check **one** circle for each line.

Not at all

A little

Some

A lot

A.-----General School Resources

a)Second language teachers A - A _____ A _____ A

b) Instructional materials (e.g.,
textbooks)----- A - A — A - A

c) Supplies (e.g., papers,
pencils)----- A - A — A - A

d)School buildings and
grounds----- A - A — A - A

e)Heating/cooling and lighting
systems----- A - A — A - A

f) Instructional space (e.g.,
classrooms)----- A - A — A - A

g)Technologically competent
staff----- A - A — A - A

h)Special equipment for
physically disabled students A - A _____ A _____ A

B.-----Resources for Mathematics Instruction

a)Teachers with a specialization
in mathematics---- A - A — A - A

b)Computers for mathematics
instruction----- A - A — A - A

c)Computer software for
mathematics instruction A - A - A _____ A

d)Library materials relevant
to mathematics instruction A - A _____ A _____ A

e)Audio-visual resources for

mathematics instruction A - A - A — A

f) Calculators for mathematics

instruction----- A - A — A - A

Check **one** circle for each line.

Not at all

A little

Some

A lot

C.-----Resources for Science Instruction

a)---Teachers with a

specialization in science A - A - A — A

b)Computers for science

instruction----- A - A — A - A

c)Computer software for

science instruction A - A — A - A

d)Library materials relevant

to science instruction A — A - A — A

e)Audio-visual resources for

science instruction A - A — A - A

f) Calculators for science

instruction----- A - A — A - A

g)Science equipment and

materials----- A - A — A - A

Involving Parents in Your School

A. How often does your school do the following for parents concerning individual students?

Check one circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about their child's learning progress Never Once a year 2-3 times a year More than 3 times a year
- b) Inform parents about the behavior and well-being of their child at school Never Once a year 2-3 times a year More than 3 times a year
- c) Discuss parents' concerns or wishes about their child's learning----- Never Once a year 2-3 times a year More than 3 times a year
- d) Support individual parents in helping their child with schoolwork----- Never Once a year 2-3 times a year More than 3 times a year

B. How often does your school ask parents to do the following?

Check one circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Ask parents to raise funds for the school----- Never Once a year 2-3 times a year More than 3 times a year
- b) Ask parents to volunteer for school projects, programs, and trips----- Never Once a year 2-3 times a year More than 3 times a year
- c) Ask parents to serve on school committees Never Once a year 2-3 times a year More than 3 times a year

C. How often does your school do the following for parents in general?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about the overall academic achievement of the school (e.g., results of national tests, results of inspections of learning) **A** — **A** - **A** ——— **A**
- b) Inform parents about school accomplishments (e.g., tournament results, facility improvements)----- **A** - **A** — **A** - **A**
- c) Inform parents about the educational goals and pedagogic principles of the school----- **A** - **A** — **A** - **A**
- d) Inform parents about the rules of the school **A** - **A** - **A** - **A**
- e) Discuss parents' concerns or wishes about the school's organization (e.g., rules and regulations, time tables, safety measures) - **A** - **A** — **A** - **A**
- f) Provide parents with additional learning materials (e.g., books, computer software) for their child to use at home ----- **A** - **A** — **A** - **A**
- g) Organize workshops or seminars for parents on learning or pedagogical issues----- **A** - **A** — **A** - **A**

School Climate

14

How would you characterize each of the following within your school?

Check one circle for each line.

Very high

High

Medium

Low

Very low

- a)-----Teachers' job
satisfaction----- A - A — A - A — A
- b)Teachers' understanding
of the school's curricular
goals----- A - A — A - A — A
- c)Teachers' degree of success in implementing
the school's curriculum A — A - A — A ——— A
- d)Teachers' expectations for student
achievement----- A - A — A - A — A
- e)Parental support for
student achievement A — A - A — A ——— A
- f) Parental involvement
in school activities A - A — A - A — A
- g)Students' regard for
school property---- A - A — A - A — A
- h)Students' desire to do
well in school----- A - A — A - A — A

A. To what degree is each of the following a problem among eighth-grade students in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late at school A — A - A _____ A
- b) Absenteeism (i.e., unjustified absences) A — A - A _____ A
- c) Classroom disturbance A — A - A _____ A
- d)-----Cheating A - A - A - A
- e)-----Profanity A - A - A - A
- f) Vandalism----- A - A — A - A
- g)-----Theft A - A - A - A
- h) Intimidation or verbal abuse among students (including texting, emailing, etc.) A — A - A _____ A
- i) Physical injury to other students----- A - A — A - A
- j) Intimidation or verbal abuse of teachers or staff (including texting, emailing, etc.) A — A - A _____ A
- k) Physical injury to teachers or staff----- A - A — A - A

B. To what degree is each of the following a problem among teachers in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late or leaving early A - A _____ A _____ A

b)-----Absenteeism A - A - A - A

Teachers in Your School

16

In your school, are any of the following used to evaluate the practice of eighth-grade mathematics teachers?

Check one circle for each line.

Yes

No

- a)-----Observations by the principal or senior staff----- A - A
- b)-----Observations by inspectors or other persons external to the school----- A - A
- c)-----Student achievement A — A
- d)-----Teacher peer review A — A

17

In your school, are any of the following used to evaluate the practice of eighth-grade science teachers?

Check one circle for each line.

Yes

No

- a)-----Observations by the principal or senior staff----- A - A
- b)-----Observations by inspectors or other persons external to the school----- A - A
- c)-----Student achievement A — A
- d)-----Teacher peer review A — A

18

Do eighth-grade teachers in your school have an opportunity to participate in a mentoring program?

Check **one** circle only.

Yes -- A

No -- A

19

How difficult was it to fill eighth-grade teaching vacancies for this school year for the following subjects?

Check **one** circle for each line.

Were no vacancies in this subject

Easy to fill vacancies

Somewhat difficult

Very difficult

a)-----Mathematics A - A - A - A

b)-----Science A - A - A - A

20

Does your school currently use any incentives (e.g., pay, housing, signing bonus, smaller classes) to recruit or retain eighth-grade teachers in the following fields?

Check **one** circle for each line.

Yes

No

a)-----Mathematics A _____ A

b)-----Science A _____ A

c)-----Other A _____ A

Leadership Activities

During the past year, approximately how much time have you spent on the following school leadership activities in your role as a school principal?

Check one circle for each line.

No time
Some time
A lot of time

a) Promoting the school's educational vision or goals - **A**

b) Developing the school's curricular and educational goals - -

c) Monitoring teachers' implementation of the school's educational goals in their teaching - - - -

d) Monitoring students' learning progress to ensure that the school's educational goals are reached - -

e) Teaching some classes to understand your students and their problems - -

f) Keeping an orderly atmosphere in the school - **A**

g) Ensuring that there are clear rules for student behavior - **A**

h) Addressing disruptive student behavior - - -

i) Creating a climate of trust among teachers - - - -

j) Initiating a discussion to help teachers who have problems in the classroom - - - -

k) Advising teachers who have questions or problems with their teaching ----- - -

l) Visiting other schools or attending educational conferences for new ideas - **A**

m) Initiating educational projects or improvements - **A**

n) Participating in professional development activities

Thank You

Thank you for the thought, time, and effort you have put into completing this questionnaire.

TIMSS 2011

DRAFT

Identification Label

Student ID:

TIMSS 2011

Student Questionnaire Grade 8



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Directions

In this booklet, you will find questions about you and what you think. For each question, you should choose the answer you think is best.

Let us take a few minutes to practice the kinds of questions you will answer in this booklet.

Example 1 is one kind of question you will find in this booklet.

Example 1

Do you go to school?

*Fill **one** circle only.*

Yes --A

No - A

Example 2 is another kind of question you will find in this booklet.

Example 2

How often do you do these things?

*Fill **one** circle for each line.*

Every day
or almost
every day



Once or
twice a
week



Once or
twice a
month



Never or
almost
never



a) I listen to music ----- A A A A

b) I talk with my friends ----- A A A A

c) I play sports ----- A A A A

Example 3 is another kind of question you will find in this booklet.

Example 3

What do you think? Tell how much you agree with these statements.

Fill **one** circle for each line.

	Agree a lot	Agree a little	Disagree a little	Disagree a lot
a) Watching movies is fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) I like eating ice cream	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) I do not like waking up early	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) I enjoy doing chores	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Read each question carefully, and pick the answer you think is best.
- Fill in the circle next to or under your answer.
- If you decide to change your answer, draw an **X** through your first answer, like this: ~~X~~. Then, fill in the circle next to or under your new answer.
- Ask for help if you do not understand something or are not sure how to answer.

About you

1

G. Are you a girl or a boy?

*Fill **one** circle only.*

Girl- - A

Boy- - A

H. Are you a Hispanic or Latino?

*- -Fill **one or more** circles*

No, I am not Hispanic or Latino - - ----- A

Yes, I am Mexican, Mexican American, or Chicano -----A

Yes, I am Puerto Rican or Puerto Rican American----- A

Yes, I am Cuban or Cuban American -----A

Yes, I am from some other Hispanic or Latino background-----A

I. Which of the following best describes you?

*- -Fill **one or more** circles*

White - - -----A

Black or African American - - -----A

Asian - - -----A

American Indian or Alaska Native - ----- -A

Native Hawaiian or other Pacific Islander -----A

2

When were you born?

Fill the circles next to the month and year you were born.

a) Month

b) Year

January- - A

1997--- A

February- - A

1998--- A

March- - A

1999--- A

April- - A

2000--- A

May- - A

2001--- A

June- - A

2002--- A

July- - A

2003--- A

August- - A

Other--- A

September- - A

October- - A

November- - A

December- - A

3

E. How often do you speak English at home?

*Fill **one** circle only.*

I always or almost always
speak English at home- - A

I sometimes speak English and sometimes speak
another language at home- - A

I never speak English at home- - A

F. What language do you speak at home (other than English)?

Fill one circle only.

Spanish **A**

Other **A**

4

G. Was your mother born in the United States? (“United States” includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad.)

Fill one circle only.

Yes **A**

No **A**

I don’t know A

H. Was your stepmother or female legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don’t have a stepmother or legal guardian A

I don’t know A

I. Was your father born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't know A

D. Was your stepfather or male legal guardian born in the United States?

Fill one circle only.

Yes **A**

No **A**

I don't have a stepmother or legal guardian A

I don't know A

5

E. Were you born in the United States?

Fill one circle only.

Yes **A**

No **A**

F. If you were not born in the United States, how old were you when you came to the United States?

Fill one circle only.

Older than 5 years old ----- **A**

1 to 5 years old ----- **A**

Younger than 1 year old----- **A**

6

How many days were you absent from school in the last month?

Fill one circle only.

- | | |
|------------------------|----------|
| None ----- | A |
| 1 or 2 days ----- | A |
| 3 or 4 days ----- | A |
| 5 to 10 days----- | A |
| More than 10 days----- | A |

7

Have you ever repeated a grade?

Fill one circle for each line.

- | | No | Yes |
|------------------------------------|-----------|------------|
| a) In elementary school | A | A |
| b) In middle or junior high school | A | A |
-

8

The next question asks about people you live with. If you live in more than one place, answer the question about the place that is your home most of the time.

Fill one circle for each line.

Yes No

a) Does your mother live at home with you? ----- **A-**

-A

b) Does your stepmother or legal guardian live at home with you? -- **A-**

-A

c) Does your father live at home with you? ----- **A-**

-A

d) Does your stepfather or legal guardian live at home with you?---- **A**

-A

e) How many brothers or sisters live with you? ----- **A—**

-A

f) Does your grandmother or grandfather live at home with you? --- **A-**

-A

g) How many OTHER family members live at home with you? -----

h) How many people live at home with you who are not part of your family?

9

About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)

Fill *one* circle only.

None or very few
(0-10 books)- - A

Enough to fill one shelf
(11-25 books)- - A

Enough to fill one bookcase
(26-100 books)- - A

Enough to fill two bookcases
(101-200 books)- - A

Enough to fill three or more bookcases
(more than 200)- - A

10

Do you have any of these things at your home?

Fill *one* circle for each line.

- | | Yes | No |
|--|-----|----|
| a) Computer | A | A |
| b) Study desk/table for your use ---- | A | A |
| c) Books of your very own (do not count your school books) | A | A |
| d) Your own room | A | A |
| e) Internet connection | A | A |
| f) Encyclopedia (a book or CD) | A | A |
| g) PlayStation, Game Cube, Xbox, or other TV/Video Game | A | A |
| h) VCR or DVD Player | A | A |
| i) Three vehicles (such as a car, | | |

11**A. What is the highest level of education completed by your mother (or stepmother or female legal guardian)?***Fill **one** circle only.*

- | | | |
|---|-----|---|
| Some elementary or junior high/ middle school | | A |
| Completed junior high/middle school | | A |
| Some high school | -- | A |
| Completed high school | -- | A |
| Completed a vocational/technical certificate after high school | | A |
| Completed an Associate's degree (AA) in vocational/technical program | | A |
| Completed a 2-year or 4-year college or university degree
(i.e., Associates's or Bachelor's degree) | --A | |
| Completed an academic Master's degree, teaching certificate program,
or first professional degree (e.g., law, medicine, dentistry) or higher | | A |
| I don't know | -- | A |

B. What is the highest level of education completed by your father (or stepfather or male legal guardian)?

Fill **one** circle only.

- | | | |
|---|-----|---|
| Some elementary or junior high/ middle school | | A |
| Completed junior high/middle school | | A |
| Some high school | -- | A |
| Completed high school | -- | A |
| Completed a vocational/technical certificate after high school | | A |
| Completed an Associate's degree (AA) in vocational/technical program | | A |
| Completed a 2-year or 4-year college or university degree
(i.e., Associates's or Bachelor's degree) | | |
| | --A | |
| Completed an academic Master's degree, teaching certificate program,
or first professional degree (e.g., law, medicine, dentistry) or higher | | A |
| I don't know | -- | A |

12

How far in your education do you expect to go?

Fill **one** circle only.

- | | | |
|--|----|---|
| Finish junior high/middle school | -- | A |
| Finish high school | -- | A |
| Finish a vocational/technical certificate after high school | | A |
| Finish an Associate's degree (AA) in a vocational/technical program | | A |
| Complete a 2-year or 4-year college or university degree
(i.e., Associate's or Bachelor's degree) | A | |
| Beyond a bachelor's degree | -- | A |
| I don't know | -- | A |

13

A. Do you ever use a computer?

Fill **one** circle only.

Yes- - A

No- - A _____

(If No, go to question 14)

B. How often do you use a computer in each of these places?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
--	-------------------------------------	--------------------------------------	--------------------------------------

- a) At home ----- A _____ A _____ A _____ A
- b) At school ----- A _____ A _____ A _____ A
- c) Some other place ----- A _____ A _____ A _____ A

C. How often do you use a computer to do these things?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
--	-------------------------------------	--------------------------------------	--------------------------------------

- a) Look up information for school -- A _____ A _____ A _____ A
- b) Look up information on a topic
you like (e.g., your favorite athlete,
animals you like, or places
you have traveled to) ----- A _____ A _____ A _____ A
- c) Exchange information about
schoolwork online (e.g., getting
homework, asking for help,
discussion boards) ----- A _____ A _____ A _____ A

How often do the following things happen at home?

Fill **one** circle for each line.

Every day or almost every day	Once or twice a week	Once or twice a month	Never or almost never
-------------------------------------	----------------------------	-----------------------------	-----------------------------

- a) I talk about my schoolwork with my parents ----- A _____ A _____ A _____ A
- b) My parents help me with my schoolwork ----- A _____ A _____ A _____ A
- c) My parents make sure that I set aside time for my homework ----- A _____ A _____ A _____ A
- d) My parents ask me what I learned in school ----- A _____ A _____ A _____ A
- e) My parents check if I do my homework ----- A _____ A _____ A _____ A
- f) My parents help me practice my math skills ----- A _____ A _____ A _____ A
- g) My parents help me practice my science skills ----- A _____ A _____ A _____ A
- h) I talk with my parents about what I am reading ----- A _____ A _____ A _____ A
- i) My parents like to know where I am after school ----- A _____ A _____ A _____ A

Your School

15

What do you think about your school? Tell how much you agree with these statements.

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

- a) I like being in school ----- A _____ A _____ A _____ A _____
- b) I feel safe when I am at school -- A _____ A _____ A _____ A _____
- c) I feel like I belong at this school A _____ A _____ A _____ A _____

16

During this year, how often have any of the following things happened to you at school?

Fill **one** circle for each line.

At least once a week Once or twice a month A few times a year Never

- a) I was made fun of or called names
-----A _____ A _____ A _____ A _____
- b) I was left out of games or activities
by other students ----- A _____ A _____ A _____ A _____
- c) Someone spread lies about me - A _____ A _____ A _____ A _____
- d) Something was stolen from me - A _____ A _____ A _____ A _____
- e) I was hit or hurt by other student(s)
(e.g., shoving, hitting, kicking) -- A _____ A _____ A _____ A _____

f) I was made to do things I didn't want to do by other students ---- A _____ A _____ A _____ A

17

What do you think about the teachers and students in your school? Tell how much you agree with these statements.

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

a) I think that students in my school try to do their best ----- A _____ A _____ A _____ A

b) I think that teachers in my school want students to do their best --- A _____ A _____ A _____ A

c) I think that students in my school are not interested in learning ---- A _____ A _____ A _____ A

d) I think that teachers in my school listen to what students have to say ----- A _____ A _____ A _____ A

e) I think that students in my school work hard on their schoolwork - - A _____ A _____ A _____ A

f) I think that teachers in my school understand that some students have difficulty in learning ----- A _____ A _____ A _____ A

g) I think that students in my school pay attention in class ----- A _____ A _____ A _____ A

h) I think that teachers in my school make an extra effort to help students ----- A _____ A _____ A _____ A

i) I think that students in my school feel that they can ask teachers for extra help ----- A _____ A _____ A _____ A

j) I think that teachers in my school

care about all students ----- A ——— A ——— A ——— A

Mathematics in School

18

How much do you agree with these statements about learning mathematics?

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

- a) I enjoy learning mathematics ---- A ——— A ——— A ——— A
- b) I wish I did not have to study mathematics ----- A ——— A ——— A ——— A
- c) Mathematics is boring ----- A ——— A ——— A ——— A
- d) I learn many interesting things in mathematics ----- A ——— A ——— A ——— A
- e) I like mathematics ----- A ——— A ——— A ——— A
- f) Learning mathematics takes hard work ----- A ——— A ——— A ——— A
- g) It is important to do well in mathematics ----- A ——— A ——— A ——— A

19

How much do you agree with these statements about your mathematics lessons?

Fill **one** circle for each line.

Agree **Agree** **Disagree** **Disagree**
a lot **a little** **a little** **a lot**

- a) I know what my teacher expects me to do ----- A _____ A _____ A _____ A
- b) I have difficulty paying attention A -A -A - A
- c) I think of things not related to the lesson ----- A _____ A _____ A _____ A
- d) My teacher is easy to understand A -A -A - A
- e) I am interested in what my teacher says ----- A _____ A _____ A _____ A
- f) My teacher gives me interesting things to do ----- A _____ A _____ A _____ A

How much do you agree with these statements about mathematics?

Fill **one** circle for each line.

Agree a lot Agree a little Disagree a little Disagree a lot

- a) I usually do well in mathematics A ——— A ——— A ——— A
- b) Mathematics is more difficult for me than for many of my classmates A ——— A ——— A ——— A
- c) Mathematics is not one of my strengths A ——— A ——— A ——— A
- d) I learn things quickly in mathematics A ——— A ——— A ——— A
- e) Mathematics makes me confused and nervous A ——— A ——— A ——— A
- f) I am good at working out difficult mathematics problems - A ——— A ——— A ——— A
- g) My teacher thinks I can do well in mathematics classes with difficult materials A ——— A ——— A ——— A
- h) My teacher tells me I am good at mathematics A ——— A ——— A ——— A
- i) Mathematics is harder for me than any other subject A ——— A ——— A ——— A
- j) I keep working on mathematics problems until I am finished A ——— A ——— A ——— A

How much do you agree with these statements about mathematics?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- k) I think learning mathematics will help me in my daily life ----- A _____ A _____ A _____ A
- l) I need mathematics to learn other school subjects ----- A _____ A _____ A _____ A
- m) I need to do well in mathematics to get into the college or university of my choice ----- A _____ A _____ A _____ A
- n) I need to do well in mathematics to get the job I want ----- A _____ A _____ A _____ A
- o) I would like a job that involved using mathematics ----- A _____ A _____ A _____ A

21

How much do you agree with these statements about learning science?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I enjoy learning science ----- A ——— A ——— A ——— A
- b) I wish I did not have to study
science ----- A ——— A ——— A ——— A
- c) I read about science in my
spare time ----- A ——— A ——— A ——— A
- d) Science is boring ----- A ——— A ——— A ——— A
- e) I learn many interesting
things in science ----- A ——— A ——— A ——— A
- f) I like science ----- A ——— A ——— A ——— A
- g) Learning science takes
hard work ----- A ——— A ——— A ——— A
- h) It is important to do well in
science ----- A ——— A ——— A ——— A

How much do you agree with these statements about your science lessons?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I know what my teacher expects me to do ----- A _____ A _____ A _____ A
- b) I have difficulty paying attention A -A -A - A
- c) I think of things not related to the lesson ----- A _____ A _____ A _____ A
- d) My teacher is easy to understand A -A -A - A
- e) I am interested in what my teacher says ----- A _____ A _____ A _____ A
- f) My teacher gives me interesting things to do ----- A _____ A _____ A _____ A

How much do you agree with these statements about science?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- a) I usually do well in science ----- A _____ A _____ A _____ A
- b) Science is more difficult for me than for many of my classmates A _____ A _____ A _____ A
- c) Science is not one of my strengths ----- A _____ A _____ A _____ A
- d) I learn things quickly in science ----- A _____ A _____ A _____ A
- e) Science makes me confused and nervous ----- A _____ A _____ A _____ A
- f) I am good at working out difficult science problems ----- A _____ A _____ A _____ A
- g) My teacher thinks I can do well in science classes with difficult materials ----- A _____ A _____ A _____ A
- h) My teacher tells me I am good at science ----- A _____ A _____ A _____ A
- i) Science is harder for me than any other subject ----- A _____ A _____ A _____ A
- j) I keep working on science problems until I am finished ----- A _____ A _____ A _____ A

How much do you agree with these statements about science?

Fill **one** circle for each line.

Agree a lot **Agree a little** **Disagree a little** **Disagree a lot**

- k) I think learning science will help me in my daily life ----- A _____ A _____ A _____ A
- l) I need science to learn other school subjects ----- A _____ A _____ A _____ A
- m) I need to do well in science to get into the college or university of my choice ----- A _____ A _____ A _____ A
- n) I need to do well in science to get the job I want ----- A _____ A _____ A _____ A
- o) I would like a job that involved using science ----- A _____ A _____ A _____ A

Homework

24

A. How often does your teacher give you homework in mathematics?

Fill **one** circle only.

Every day- - A

3 or 4 times a week- - A

1 or 2 times a week- - A

Less than once a week- - A

Never- - A

B. When your teacher gives you mathematics homework, about how many minutes do you usually spend on your homework?

Fill **one** circle only.

My teacher never gives me homework in mathematics- - A

1 - 15 minutes - - A

16-30 minutes- - A

31-60 minutes- - A

61-90 minutes- - A

More than 90 minutes- - A

A. How often does your teacher give you homework in science?

*Fill **one** circle only.*

Every day- - A

3 or 4 times a week- - A

1 or 2 times a week- - A

Less than once a week- - A

Never- - A

B. When your teacher gives you science homework, about how many minutes do you usually spend on your homework?

*Fill **one** circle only.*

My teacher never gives me
homework in science- - A

1 - 15 minutes - - A

16-30 minutes- - A

31-60 minutes- - A

61-90 minutes- - A

More than 90 minutes- - A

Thank You!

Thank you for filling out the questionnaire!

TIMSS 2011

DRAFT

Identification Label

Class Name:

Teacher ID:

Teacher Link #:

TIMSS 2011

**Teacher
Questionnaire
Mathematics**



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Teacher *Questionnaire*

Your school has agreed to participate in TIMSS 2011 (Trends in International Mathematics and Science Study), an educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science and studies differences in national education systems in more than 60 countries in order to help improve teaching and learning worldwide.

This questionnaire is addressed to teachers of eighth-grade students, and seeks information about teachers' academic and professional backgrounds, classroom resources, instructional practices, and attitudes toward teaching. Since your class has been selected as part of a nationwide sample, your responses are very important in helping to describe eighth-grade education in the United States.

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Thank you.

TIMSS 2011

About You

1

By the end of this school year, how many years will you have been teaching altogether?

_____ years
Please **round** to the nearest whole number.

2

Are you female or male?

*Check **one** circle only.*

Female - -

Male - -

3

How old are you?

*Check **one** circle only.*

Under 25 - -

25-29 - -

30-39 - -

40-49 - -

50-59 - -

60 or more - -

4

What is the highest level of formal education you have completed?

Check one circle only.

- Did not complete high school A
- Completed high school -- A
- Completed a vocational/technical certificate after high school A
- Completed an Associate's degree (AA) in vocational/technical program A
- Completed an Associate's degree (AA) or Bachelor's degree A
- Completed an academic Master's degree, postgraduate certificate program (e.g., teaching) or first professional degree (e.g., law, medicine, dentistry) A
- Completed a doctorate (Ph.D. or Ed.D) A

5

During your post-secondary education, what was your major or main area(s) of study?

Check one circle for each line.

Yes

No

- a)-----Mathematics A _____ A
- b)-----Education - Mathematics A _____ A
- c)-----Science A _____ A
- d)-----Education - Science A _____ A
- e)-----Education - General A _____ A
- f) Other ----- A - A

About Your School

6

How would you characterize each of the following within your school?

Check **one** circle for each line.

Very high

High

Medium

Low

Very low

a)-----Teachers' job

satisfaction ----- A - A - A - A - A

b)Teachers' understanding of the school's curricular

goals ----- A - A - A - A - A

c)Teachers' degree of success in implementing

the school's curriculum A - A - A - A - A

d)Teachers' expectations for student

achievement ----- A - A - A - A - A

e)Parental support for

student achievement A - A - A - A - A

f) Parental involvement

in school activities A - A - A - A - A

g)Students' regard for

school property --- A - A - A - A - A

h)Students' desire to do

well in school ----- A - A - A - A - A

Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements.

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

Disagree a lot

- a) This school is located in a safe neighborhood A — A - A _____ A
- b) I feel safe at this school A - A - A _____ A
- c) This school's security policies and practices are sufficient A - A _____ A _____ A
- d) The students behave in an orderly manner ---- A - A — A - A
- e) The students are respectful of the teachers ---- A - A — A - A

In your current school, how severe is each problem?

Check **one** circle for each line.

Not a problem

Minor problem

Moderate problem

Serious problem

- a) The school building needs significant repair -- A - A — A - A
- b) Classrooms are overcrowded A - A _____ A _____ A
- c) Teachers have too many teaching hours ---- A - A — A - A
- d) Teachers do not have adequate workspace for preparation, collaboration, or meeting with students A - A _____ A _____ A
- e) Teachers do not have adequate instructional

materials and supplies A — A - A ——— A

About Being a Teacher

9

A. Do you use computers in your teaching?

Check **one** circle only.

Yes -

No - _____

(If No, go to #10)

B. How much do you agree with the following statements about using computers in your teaching?

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

Disagree

a lot

- a) I feel comfortable using computers in my teaching - _____ _____
- b) When I have technical problems, I have ready access to computer support staff in my school - _____ _____
- c) I receive adequate support for integrating computers in my teaching activities - - -

10

How often do you have the following types of interactions with other teachers?

Check **one** circle for each line.

Never or almost never

2 or 3 times per month

1-3 times

per week

Daily or

almost

daily

- a) Discuss how to teach a particular topic - - - -
- b) Collaborate in planning and preparing instructional materials ----- - - -
- c) Share what I have learned about my teaching experiences - - _____
- d) Visit another classroom

to learn more about teaching A - A — A — A

e)- -Work together to

try out new ideas - A - A — A - A

About Teaching the TIMSS Class

11

How much do you agree with the following statements?

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

a) I am content with my profession
as a teacher ----- A - A — A - A

b) I am satisfied with being a
teacher at this school A — A - A ——— A

c) I had more enthusiasm when
I began teaching than I
have now ----- A - A — A - A

d) I do important work as
a teacher ----- A - A — A - A

e) I plan to continue as a
teacher for as long as I can A - A ——— A ——— A

f) I am frustrated as a teacher A - A ——— A ——— A

12

How many students are in this class?

_____ students
Write in a number.

13

How many eighth-grade students experience difficulties understanding spoken English?

_____ students in this class
Write in a number.

How often do you do the following in teaching this class?

Check **one** circle for each line.
Every or almost every lesson
About half the lessons
Some lessons
Never

- a) Summarize what students should have learned from the lesson ----- - - -
- b) Relate the lesson to students' daily lives - - -
- c) Use questioning to elicit reasons and explanations - - - - -
- d) Encourage all students to improve their performance - - - - -
- e) Praise students for good effort ----- - - -
- f) Bring interesting materials to class ----- - - -

In your view, to what extent do the following limit how you teach this class?

Check **one** circle for each line.
Not applicable
Not at all
Some
A lot

- a) --Students lacking prerequisite knowledge or skills ----- - - -
- b) Students suffering from lack of basic nutrition - - - -
- c) Students suffering from not enough sleep - - - -
- d) Students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment) - - - - -
- e) Disruptive students - - -
- f) Uninterested students - - - -

For the typical student in this class, how often do you do these things?

Check **one** circle for each line.

At least once a week

Once or twice a month

4-6 times a year

1-3 times a year

Never

a) Meet or talk individually with the student's parents
to discuss his/her
learning progress - A - A — A - A — A

b) Send home a progress
report on the student's
learning ----- A - A — A - A — A

Teaching Mathematics to the TIMSS Class

Questions 17-19 ask about mathematics instruction for the eighth-grade students in the TIMSS class.

17

In a typical week, how much time do you spend teaching mathematics to the students in this class?

_____ hours and _____ minutes per week
Write in the hours and minutes.

18

In teaching mathematics to this class, how confident do you feel to do the following?

Check one circle for each line.

Very confident

Somewhat confident

Not confident

a) Answer students' questions about mathematics

b) Show students a variety of problem solving strategies

c) Provide challenging tasks for capable students

d) Adapt my teaching to engage students' interest

e) Help students appreciate the value of learning mathematics

In teaching mathematics to this class, how often do you usually ask students to do the following?

Check **one** circle for each line.

Every or almost every lesson

About half the lessons

Some lessons

Never

- a) Listen to me explain how to solve problems ---- A - A — A - A
- b) Memorize rules, procedures, and facts ----- A - A — A - A
- c) Work problems (individually or with peers) with my guidance ----- A - A — A - A
- d) Work problems together in the whole class with direct guidance from me A - A — A - A
- e) Work problems (individually or with peers) while I am occupied by other tasks A - A - A ——— A
- f) Apply facts, concepts, and procedures to solve routine problems ----- A - A — A - A
- g) Explain their answers A — A - A ——— A
- h) Relate what they are learning in mathematics to their daily life - - A - A — A - A
- i) Decide on their own procedures for solving complex problems A - A - A - A
- j) Work on problems for which there is no immediately obvious method of solution A - A - A - A
- k) Take a written test or quiz A - A ——— A ——— A

Resources for Teaching Mathematics

Questions 21-23 ask about resources for teaching mathematics to the eighth-grade

students in the TIMSS class.

21

When you teach mathematics to this class, how do you use the following resources?

Check **one** circle for each line.

Basis for instruction

Supplement

Not used

a)-----Textbooks - -

b)-----Workbooks or
worksheets ----- - -

c)Concrete objects or materials that help students understand
quantities or procedures - - -

d)Computer software for
mathematics instruction - - -

A. Are the students in this class permitted to use calculators during mathematics lessons?

Check one circle only.

- Yes, with unrestricted use A
- Yes, with restricted use A
- No, calculators are not permitted A _____

(If No, go to #23)

B. How often do students in this class use calculators in their mathematics lessons for the following activities?

Check one circle for each line.

Every or almost every lesson
About half the lessons
Some lessons
Never

- a)---Check answers A - A - A - A
- b) Do routine computations A - A _____ A _____ A
- c) Solve complex problems A - A _____ A _____ A
- d) Explore number concepts A - A _____ A _____ A

A. Do the students in this class have computer(s) available to use during their mathematics lessons?

Check one circle only.

- Yes - A
- No - A _____

(If No, go to #24)

B. Do any of the computer(s) have access to the Internet?

Check **one** circle only.

Yes -

No -

C. How often do you have the students do the following computer activities?

Check **one** circle for each line.

Every or almost every day

Once or twice a week

Once or twice a month

Never or almost never

a) Look up ideas and information ----- - - -

b) Use instructional software to develop and practice skills and procedures - - - -

c) Explore mathematics principles and concepts - - - -

Mathematics Topics Taught

Questions 24-25 ask about the topics taught and the content covered in teaching mathematics to the eighth-grade students in the TIMSS class.

24

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before eighth grade, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

Check one circle for each line.

Mostly taught before this year

Mostly taught this year

Not yet taught or just introduced

A. Number

- a)-----Computing, estimating, or approximating with whole numbers ----- A - A - A
- b)-----Concepts of fractions and computing with fractions ----- A - A - A
- c)-----Concepts of decimals and computing with decimals ----- A - A - A
- d)-----Representing, comparing, ordering, and computing with integers ----- A - A - A
- e)-----Problem solving involving percents and proportions ----- A - A - A

B. Algebra

- a)-----Numeric, algebraic, and geometric patterns or sequences (extension, missing terms, generalization of patterns) ----- A - A - A

- b)-----Simplifying and
evaluating algebraic expressions ----- $A - A - A$
- c)-----Simple linear
equations and inequalities ----- $A - A - A$
- d)-----Simultaneous (two
variables) equations ----- $A - A - A$
- e)-----Representation of
functions as ordered pairs, tables, graphs, words, or equations ----- $A - A - A$

C. Geometry

- a)-----Geometric properties of angles and geometric shapes (triangles, quadrilaterals, and other common polygons) ----- A - A - A
- b)-----Congruent figures and similar triangles ----- A - A - A
- c)-----Relationship between three-dimensional shapes and their two-dimensional representations A - A ----- A
- d) -----Using appropriate measurement formulas for perimeters, circumferences, areas, surface areas, and volumes ----- A - A - A
- e)-----Points on the Cartesian plane ----- A - A - A
- f) Translation, reflection, and rotation ----- A - A - A

D. Data and Chance

- a)-----Reading and displaying data using tables, pictographs, bar graphs, pie charts and line graphs A - A ----- A
- b)-----Interpreting data sets (e.g., draw conclusions, make predictions, and estimate values between and beyond given data points) ----- A - A - A
- c)-----Judging, predicting, and determining the chances of possible outcomes ----- A - A - A

Mathematics Content Coverage

25

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following mathematics content areas for the students in this class?

Write in the percentage for each.

- a)-----Number (e.g., whole numbers, fractions, decimals, ratio, proportion and percent)----- _____%
- b)-----Algebra (e.g., patterns, equations, formulas and relationships)----- _____%
- c)Geometry (e.g., lines and angles, shapes, congruence and similarity, spatial relationships, symmetry and transformations) _____%
- d)Data and chance (e.g., reading, organizing and representing data, data interpretation and chance) _____%
- e)-----Other, please specify:
_____----- _____%

Total = 100%

Mathematics Homework

Question 26 asks about mathematics homework for the eighth-grade students in the TIMSS class.

26

A. How often do you usually assign mathematics homework to the students in this class?

Check one circle only.

I do not assign mathematics homework- - _____

(Go to #27)

Less than once a week A

1 or 2 times a week- A

3 or 4 times a week- A

Every day- - A

B. When you assign mathematics homework to the students in this class, about how many minutes do you usually assign? (Consider the time it would take an average student in your class.)

Check one circle only.

15 minutes or less- - A

16-30 minutes- - A

31-60 minutes- - A

61-90 minutes- - A

More than 90 minutes A

C. How often do you do the following with the mathematics homework assignments for this class?

Check **one** circle for each line.

Always or almost always

Sometimes

Never or almost never

- a) Correct assignments and give feedback to students A _____ A _____ A
- b) Have students correct their own homework A — A _____ A
- c) Discuss the homework in class ----- A — A — A
- d) Monitor whether or not the homework was completed A _____ A _____ A
- e) Use the homework to contribute towards students' grades or marks A _____ A _____ A

Mathematics Assessment

Questions 27-29 ask about mathematics assessment for the eighth-grade students in the TIMSS class.

27

How much emphasis do you place on the following sources to monitor students' progress in mathematics?

Check **one** circle for each line.

Major emphasis

Some emphasis

Little or no emphasis

- a) Evaluation of students' ongoing work ----- Major Some Little or no
- b) Classroom tests (for example, teacher made or textbook tests) ---- Major Some Little or no
- c) ---- State or district achievement tests Major Some Little or no

28

How often do you give a mathematics test or examination to this class?

Check **one** circle only.

- About once a week-- Major Some Little or no
- About every two weeks Major Some Little or no
- About once a month Major Some Little or no
- A few times a year- - Major Some Little or no
- Never- - Major Some Little or no

How often do you include the following types of questions in your mathematics tests or examinations?

Check **one** circle for each line.

Always or almost always

Sometimes

**Never or
almost never**

- a) Questions based on recall
of facts and procedures **A** - **A** **A**
- b) Questions involving
application of mathematical
procedures ----- **A** - **A** — **A**
- c) Questions involving searching for patterns
and relationships - **A** - **A** — **A**
- d) Questions requiring explanations or
justifications ----- **A** - **A** — **A**

Preparation to Teach Mathematics

In the past two years, have you participated in professional development in any of the following?

Check one circle for each line.

Yes

No

- a)-----Mathematics content A _____ A
- b)-----Mathematics pedagogy/instruction A _____
-----A
- c)-----Mathematics curriculum A _____ A
- d)-----Integrating information technology
into mathematics ----- A - A
- e)-----Improving students' critical thinking or
problem solving skills ----- A - A
- f) Mathematics assessment ---- A - A
- g)-----Addressing individual students' needs A
----- A

How well prepared do you feel you are to teach the following mathematics topics? If a topic is not 1 in the eighth-grade curriculum or you are not responsible for teaching this topic you may check “not applicable.”

Check one circle for each line.

Not applicable
Very well prepared

Somewhat prepared

Not well prepared

A. Number

- a)-----Computing, estimating, or approximating with whole numbers ----- A - A - A - A
- b)-----Concepts of fractions and computing with fractions ----- A - A - A - A
- c)-----Concepts of decimals and computing with decimals ----- A - A - A - A
- d)-----Representing, comparing, ordering, and computing with integers ----- A - A - A - A
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functions as ordered pairs, tables, graphs, words, or equations ----- A - A - A - A

C. Geometry

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- d)-----Using appropriate measurement formulas for perimeters, circumferences, areas, surface areas, and volumes ----- A - A - A - A
- e)-----Points on the Cartesian plane ----- A - A - A - A
- f)-----Translation, reflection, and rotation ----- A - A - A - A

D. Data and Chance

- a)-----Reading and displaying data using tables, pictographs, bar graphs, pie charts and line graphs A - A ----- A - A
- b)----- Interpreting data sets (e.g., draw conclusions, make predictions, and estimate values between and beyond given data points) ----- A - A - A - A
- c)-----Judging, predicting, and determining the chances of possible outcomes ----- A - A - A - A

Thank You

Thank you for the thought, time, and effort you have put into completing this questionnaire.

TIMSS 2011

DRAFT

Identification Label

Class Name:

Teacher ID:

Teacher Link #:

TIMSS 2011

**Teacher
Questionnaire
Science**



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Teacher *Questionnaire*

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Thank you.

TIMSS 2011

About You

1

By the end of this school year, how many years will you have been teaching altogether?

_____ years
Please **round** to the nearest whole number.

2

Are you female or male?

Check **one** circle only.

Female - -

Male - -

3

How old are you?

Check **one** circle only.

Under 25 - -

25-29 - -

30-39 - -

40-49 - -

50-59 - -

60 or more - -

4

What is the highest level of formal education you have completed?

Check one circle only.

- Did not complete high school A
- Completed high school - - A
- Completed a vocational/technical certificate after high school A
- Completed an Associate's degree (AA) in vocational/technical program A
- Completed an Associate's degree (AA) or Bachelor's degree A
- Completed an academic Master's degree, postgraduate certificate program (e.g., teaching) or first professional degree (e.g., law, medicine, dentistry) A
- Completed a doctorate (Ph.D. or Ed.D) A

5

During your post-secondary education, what was your major or main area(s) of study?

Check one circle for each line.

Yes

No

- a)-----Biology A _____ A
- b)-----Physics A _____ A
- c)-----Chemistry A _____ A
- d)-----Earth Science A _____ A
- e)-----Education - Science A _____ A
- f) Mathematics ----- A - A
- g)-----Education - Mathematics A _____ A
- h)-----Education - General A _____ A
- i) Other ----- A - A

About Your School

6

How would you characterize each of the following within your school?

Check one circle for each line.

Very high

High

Medium

Low

Very low

a)-----Teachers' job

satisfaction ----- A - A - A - A - A

b)Teachers' understanding of the school's curricular

goals ----- A - A - A - A - A

c)Teachers' degree of success in implementing

the school's curriculum A - A - A - A - A

d)Teachers' expectations for student

achievement ----- A - A - A - A - A

e)Parental support for

student achievement A - A - A - A - A

f) Parental involvement

in school activities A - A - A - A - A

g)Students' regard for

school property --- A - A - A - A - A

h)Students' desire to do

well in school ----- A - A - A - A - A

Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements.

Check one circle for each line.

Agree a lot

Agree a little

Disagree a little

Disagree a lot

- a) This school is located in a safe neighborhood A — A - A _____ A
- b) I feel safe at this school A - A - A _____ A
- c) This school's security policies and practices are sufficient A - A _____ A _____ A
- d) The students behave in an orderly manner ---- A - A — A - A
- e) The students are respectful of the teachers ---- A - A — A - A

In your current school, how severe is each problem?

Check one circle for each line.

Not a problem

Minor problem

Moderate problem

Serious problem

- a) The school building needs significant repair -- A - A — A - A
- b) Classrooms are overcrowded A - A _____ A _____ A
- c) Teachers have too many teaching hours ---- A - A — A - A
- d) Teachers do not have adequate workspace for preparation, collaboration, or meeting with students A - A _____ A _____ A
- e) Teachers do not have adequate instructional

materials and supplies A — A - A ——— A

About Being a Teacher

9

A. Do you use computers in your teaching?

Check **one** circle only.

Yes -

No - _____

(If No, go to #10)

B. How much do you agree with the following statements about using computers in your teaching?

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

- a) I feel comfortable using computers in my teaching - _____ _____
- b) When I have technical problems, I have ready access to computer support staff in my school - _____ _____
- c) I receive adequate support for integrating computers in my teaching activities - - -

How often do you have the following types of interactions with other teachers?

Check **one** circle for each line.

Never or almost never

2 or 3 times per month

**1-3 times
per week**

**Daily or
almost
daily**

- a) Discuss how to teach
a particular topic - A - A — A - A
- b) Collaborate in planning and preparing instructional
materials ----- A - A — A - A
- c) Share what I have learned about my
teaching experiences A — A - A ——— A
- d) Visit another classroom
to learn more about teaching A - A ——— A ——— A
- e) - - Work together to
try out new ideas - A - A — A - A

About teaching the class with the TIMSS Students

11

How much do you agree with the following statements?

Check **one** circle for each line.

Agree a lot

Agree a little

Disagree a little

**Disagree
a lot**

a) I am content with my profession as a teacher A - A - A _____ A

b) I am satisfied with being a teacher at this school A - A - A _____ A

c) I had more enthusiasm when I began teaching than I have now ----- A - A - A - A

d) I do important work as a teacher ----- A - A - A - A

e) I plan to continue as a teacher for as long as I can A - A _____ A _____ A

f) I am frustrated as a teacher A - A _____ A _____ A

12

How many students are in this class?

_____ students
Write in a number.

13

How many eighth-grade students experience difficulties understanding spoken English?

_____ students in this class
Write in a number.

How often do you do the following in teaching this class?

Check **one** circle for each line.

Every or almost every lesson

About half the lessons

Some lessons

Never

- a) Summarize what students should have learned from the lesson ----- A - A - A - A
- b) Relate the lesson to students' daily lives A - A - A - A
- c) Use questioning to elicit reasons and explanations A - A - A - A
- d) Encourage all students to improve their performance A - A - A - A
- e) Praise students for good effort ----- A - A - A - A
- f) Bring interesting materials to class ----- A - A - A - A

In your view, to what extent do the following limit how you teach this class?

Check **one** circle for each line.

Not applicable

Not at all

Some

A lot

- a) Students lacking prerequisite knowledge or skills ----- A - A - A - A
- b) Students suffering from lack of basic nutrition A - A - A - A
- c) Students suffering from not enough sleep - A - A - A - A
- d) Students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment) A - A - A - A
- e) Disruptive students A - A - A - A

f) Uninterested students A — A - A ——— A

16

For the typical student in this class, how often do you do these things?

*Check **one** circle for each line.*

At least once a week

Once or twice a month

4-6 times a year

1-3 times a year

Never

a) Meet or talk individually
with the student's parents
to discuss his/her
learning progress - A - A — A - A — A

b) Send home a progress
report on the student's
learning ----- A - A — A - A — A

Teaching Science to the class with the TIMSS students

Questions 17-19 ask about science instruction for the eighth-grade students in the class with the TIMSS students.

17

In a typical week, how much time do you spend teaching science to the students in this class?

_____ hours and _____ minutes per week
Write in the hours and minutes.

18

In teaching science to this class, how confident do you feel to do the following?

Check one circle for each line.

Very confident

Somewhat confident

Not confident

- a) Answer students' questions about science ----- A - A — A
- b) Explain science concepts or principles by doing science experiments A — A ——— A
- c) Provide challenging tasks for capable students A — A ——— A
- d) Adapt my teaching to engage students' interest A ——— A ——— A
- e) Help students appreciate the value of learning science ----- A - A — A

In teaching science to the students in this class, how often do you usually ask them to do the following?

Check **one** circle for each line.

Every or almost every lesson

About half the lessons

Some lessons

Never

- a) Observe natural phenomena and describe what they see A - A _____ A _____ A
- b) Watch me demonstrate an experiment or investigation ----- A - A — A - A
- c) Design or plan experiments or investigations -- A - A — A - A
- d) Conduct experiments or investigations ----- A - A — A - A
- e) Read their textbooks or other resource materials A - A _____ A _____ A
- f) Have students memorize facts and principles A - A - A - A
- g) Use scientific formulas and laws to solve routine problems ----- A - A — A - A
- h) Give explanations about something they are studying ----- A - A — A - A
- i) Relate what they are learning in science to their daily lives ---- A - A — A - A
- j) Do field work outside of class A - A _____ A _____ A
- k) Take a written test or quiz A - A _____ A _____ A

Which best describes the science course you are teaching to the class with the TIMSS students?

*Fill in **one** circle only..*

a) General science (several content areas of science taught separately)

A

b) Integrated science (several content areas of science combined and taught together throughout the year) **A**

c) Life science (e.g., biology, ecosystems, human health)

A

d) Earth science (e.g., geology, earth and the solar system, fossils)

A

e) Physical science (e.g., physics or chemistry)

A

Resources for Teaching Science

Questions 21-22 ask about resources for teaching science to the eighth-grade students in the class with the TIMSS students.

21

When you teach science to this class, how do you use the following resources?

Check **one** circle for each line.

Basis for instruction

Supplement

Not used

a)-----Textbooks A - A - A

b)-----Workbooks or
worksheets ----- A - A - A

c)Science equipment and
materials ----- A - A - A

d)Computer software for
science instruction A - A - A

e)Reference materials (e.g.,
encyclopedia, dictionary) A ——— A ——— A

A. Do the students in this class have computer(s) available to use during their science lessons?

Check one circle only.

Yes - A

No - A _____

(If No, go to #23)

B. Do any of the computer(s) have access to the Internet?

Check one circle only.

Yes - A

No - A

C. How often do you have the students do the following computer activities?

Check one circle for each line.

Every or almost every day

Once or twice a week

Once or twice a month

Never or almost never

a) Look up ideas and information ----- A - A - A - A

b) Use instructional software to develop and practice skills and procedures A - A - A - _____ A

c) Do scientific procedures or experiments ---- A - A - A - A

d) Study natural phenomena through simulations A - A - A - _____ A

e) Process and analyze data A - A - _____ A - _____ A

Science Topics Taught

Questions 23-24 ask about the topics taught and the content covered in teaching

science to the _____ students in the class with the TIMSS students.
eighth-grade

23

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before eighth grade, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

Check **one** circle for each line.

Mostly taught before this year

Mostly taught this year

Not yet taught or just introduced

A. Biology

- a)-----Major organs and organ systems in humans and other organisms (structure/function, life processes that maintain stable bodily conditions) ----- A - A - A
- b)-----Cells and their functions, including respiration and photosynthesis as cellular processes A - A - A
- c)-----Reproduction (sexual and asexual) and heredity (passing on of traits, inherited versus acquired/learned characteristics) ----- A - A - A
- d)-----Role of variation and adaptation in survival/extinction of species in a changing environment A - A - A
- e)-----Interdependence of populations of organisms in an ecosystem (e.g., energy flow, food webs, competition, predation) and the impact of changes in the physical environment on populations (e.g., climate, water supply) ----- A - A - A

- f) Reasons for increase in world's human population (e.g., advances in medicine, sanitation), and the effects of population growth on the environment ----- A - A - A
- g)-----Human health (causes of infectious diseases, methods of infection, prevention, immunity) and the importance of diet and exercise in maintaining health ----- A - A - A

B. Chemistry

- a)-----Classification, composition, and particulate structure of matter (elements, compounds, mixtures, molecules, atoms, protons, neutrons, electrons) ----- A - A - A
- b)-----Solutions (solvent, solute, concentration/dilution, effect of temperature on solubility) ----- A - A - A
- c)-----Properties and uses of common acids and bases ----- A - A - A
- d)-----Chemical change (transformation of reactants, evidence of chemical change, conservation of matter, common oxidation reactions - combustion, rusting, tarnishing) ----- A - A - A

Mostly taught before this year

Mostly taught this year

Not yet taught or just introduced

C.-----Physics

- a)-----Physical states and changes in matter (explanations of properties in terms of movement and distance between particles; phase change, thermal expansion, and changes in volume and/or pressure) ----- A - A - A
- b)-----Energy forms, transformations, heat, and temperature ----- A - A - A
- c)-----Basic properties/behaviors of light (reflection, refraction, light and color, simple ray diagrams) and sound (transmission through media, loudness, pitch, amplitude, frequency, relative speed of light and sound) ----- A - A - A
- d)-----Electric circuits

(flow of current; types of circuits - parallel/series; current/voltage relationship) and properties

and uses of permanent magnets and electromagnets ----- A - A - A

e)-----Forces and motion
(types of forces, basic description of motion, effects of density and pressure) A - A -
-----A

D. Earth Science

a)-----Earth's structure
and physical features (Earth's crust, mantle and core; composition and relative distribution
of water, and composition of air) ----- A - A - A

b)-----Earth's processes,
cycles and history (rock cycle; water cycle; weather patterns; major geological events;
formation of fossils and fossil fuels) ----- A - A - A

c)-----Earth's resources,
their use and conservation (e.g., renewable/nonrenewable resources, human use of
land/soil, water resources) ----- A - A - A

d)-----Earth in the solar
system and the universe (phenomena on Earth - day/night, tides, phases of moon,
eclipses,
seasons; physical features of Earth compared to other bodies; the Sun as a star) A - A
----- A

Science Content Coverage

By the end of this school year, approximately what percentage of teaching time will you have spent during this school year on each of the following science content areas for the students in this class?

Write in the percentage for each.

a)-----Biology (e.g., structure/function; life processes, reproduction/heredity, natural selection; ecosystems, human health)----- _____%

b)-----Chemistry (e.g., classification, composition and properties of matter; chemical change)----- _____%

c)-----Physics (e.g., physical states/ changes in matter; energy; light; sound; electricity and magnetism; forces and motion)----- _____%

d)-----Earth science (e.g., Earth's structure, processes, and resources; the solar system and universe)-- _____%

e)-----Other, please specify:
_____ ----- _____%

Total = 100%

Science Homework

Question 25 asks about science homework for the eighth-grade students in the class with the TIMSS students.

25

A. How often do you usually assign science homework to the students in this class?

Check one circle only.

I do not assign science
homework- - A

(Go to #26)

Less than once a week A

1 or 2 times a week- A

3 or 4 times a week- A

Every day- - A

B. When you assign science homework to the students in this class, about how many minutes do you usually assign? (Consider the time it would take an average student in your class.)

Check one circle only.

15 minutes or less- - A

16-30 minutes- - A

31-60 minutes- - A

61-90 minutes- - A

More than 90 minutes A

C. How often do you do the following with the science homework assignments for this class?

Check **one** circle for each line.

Always or almost always

Sometimes

Never or almost Never

- | | | | | | |
|---|---|-------|---|-------|---|
| a) Correct assignments and give feedback to students | A | _____ | A | _____ | A |
| b) Have students correct their own homework | A | — | A | _____ | A |
| c) Discuss the homework in class ----- | A | — | A | — | A |
| d) Monitor whether or not the homework was completed | A | _____ | A | _____ | A |
| e) Use the homework to contribute towards students' grades or marks | A | _____ | A | _____ | A |

How often do you include the following types of questions in your science tests or examinations?

Check **one** circle for each line.

Always or almost always

Sometimes

**Never or
almost never**

- a) Questions based on
knowing facts and concepts A ——— A ——— A
- b) Questions based on the
application of knowledge
and understanding A - A - A
- c) Questions involving
developing hypotheses and
designing scientific
investigations ----- A - A — A
- d) Questions requiring
explanations or
justifications ----- A - A — A

Preparation to Teach Science

In the past two years, have you participated in professional development in any of the following?

Check one circle for each line.

Yes

No

- a)-----Science content **A** **A**
- b)-----Science pedagogy/instruction **A**
-----**A**
- c)-----Science curriculum **A** **A**
- d)-----Integrating information technology
into science ----- **A** - **A**
- e)-----Improving students' critical thinking or
inquiry skills ----- **A** - **A**
- f) Science assessment ----- **A** - **A**
- g)-----Addressing individual students' needs **A**
----- **A**

**How well prepared do you feel you are to teach the following science topics?
If a topic is not in the eighth-grade curriculum or you are not responsible for teaching this topic you may check “not applicable.”**

Check one circle for each line.

Not applicable
Very well prepared
Somewhat prepared
Not well prepared

A. Biology

- a)-----Major organs and organ systems in humans and other organisms (structure/function, life processes that maintain stable bodily conditions) ----- A - A - A - A
- b)-----Cells and their functions, including respiration and photosynthesis as cellular processes A - A - A - -----A
- c)-----Reproduction (sexual and asexual) and heredity (passing on of traits, inherited versus acquired/learned characteristics) ----- A - A - A - A
- d)-----Role of variation and adaptation in survival/extinction of species in a changing environment A - A - A ----- A
- e)-----Interdependence of populations of organisms in an ecosystem (e.g., energy flow, food webs, competition, predation) and the impact of changes in the physical environment on populations (e.g., climate, water supply) ----- A - A - A - A
- f) Reasons for increase in world’s human population (e.g., advances in medicine, sanitation), and the effects of population growth on the environment ----- A - A - A - A
- g)-----Human health (causes of infectious diseases, methods of infection, prevention, immunity) and the importance

of diet and exercise in maintaining health ----- A - A - A - A

B. Chemistry

- a)-----Classification, composition, and particulate structure of matter (elements, compounds, mixtures, molecules, atoms, protons, neutrons, electrons) ----- A - A - A - A
- b)-----Solutions (solvent, solute, concentration/dilution, effect of temperature on solubility) ----- A - A - A - A
- c)-----Properties and uses of common acids and bases ----- A - A - A - A
- d)-----Chemical change (transformation of reactants, evidence of chemical change, conservation of matter, common oxidation reactions - combustion, rusting, tarnishing) ----- A - A - A - A

Not applicable
Very well prepared
Somewhat prepared
Not well prepared

C.-----Physics

- a)-----Physical states and changes in matter (explanations of properties in terms of movement and distance between particles; phase change, thermal expansion, and changes in volume and/or pressure) ----- A - A - A - A
- b)-----Energy forms, transformations, heat, and temperature ----- A - A - A - A
- c)-----Basic properties/behaviors of light (reflection, refraction, light and color, simple ray diagrams) and sound (transmission through media, loudness, pitch, amplitude, frequency, relative speed of light and sound) ----- A - A - A - A
- d)-----Electric circuits (flow of current; types of circuits - parallel/series; current/voltage relationship) and properties and uses of permanent magnets and electromagnets ----- A - A - A - A
- e)-----Forces and motion

(types of forces, basic description of motion, effects of density, and pressure) A - A
----- A - A

D. Earth Science

a)-----Earth's structure and physical features (Earth's crust, mantle and core; composition and relative distribution of water, and composition of air) ----- A - A - A - A

b)-----Earth's processes, cycles and history (rock cycle; water cycle; weather patterns; major geological events; formation of fossils and fossil fuels) ----- A - A - A - A

c)-----Earth's resources, their use and conservation (e.g., renewable/nonrenewable resources, human use of land/soil, water resources) ----- A - A - A - A

d)-----Earth in the solar system and the universe (phenomena on Earth - day/night, tides, phases of moon, eclipses, seasons; physical features of Earth compared to other bodies; the Sun as a star) A - A
----- A - A

Thank You

Thank you for the thought, time, and effort you have put into completing this questionnaire.

TIMSS 2011

PIRLS

DRAFT

Identification Label

School ID:

TIMSS & PIRLS 2011

**School
Questionnaire
Grade 4**



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

TIMSS

School Questionnaire

Your school has agreed to participate in TIMSS and PIRLS 2011 (Trends in International Mathematics and Science Study and Progress in International Reading Literacy), a joint educational research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). TIMSS measures trends in student achievement in mathematics and science, and studies differences in national education systems in more than 60 countries in order to help improve teaching and learning worldwide. PIRLS provides similarly important international benchmarking information in fourth-grade reading in over 50 countries.

This questionnaire is addressed to school principals and department heads who are asked to supply information about their schools. Since your school has been selected as part of a nationwide sample, your responses are very important in helping to describe fourth-grade education in the United States.

It is important that you answer each question carefully so that the information provided reflects the situation in your school as accurately as possible. Some of the questions will require that you look up school records, so you may wish to arrange for the assistance of another staff member to help provide this information.

Since TIMSS-PIRLS 2011 is an international study and all countries are using the same questionnaire, you may find that some of the questions seem unusual or are not entirely relevant to you or schools in the United States. Nevertheless, it is important that you do your best to answer all of the questions so comparisons can be made across countries in the study.

It is estimated that you will need approximately 30 minutes to complete this questionnaire. We appreciate the time and effort that this takes and thank you for your cooperation and contribution.

When you have completed the questionnaire, please place it in the accompanying envelope and return it to the TIMSS-PIRLS school coordinator.

Thank you.

TIMSS & PIRLS

2011

School Enrollment and Characteristics

1

What is the total enrollment of students in your school as of March 1, 2010?

_____ students
Write in a number.

2

What is the total enrollment of fourth-grade students in your school as of March 1, 2010?

_____ students
Write in a number.

3

Approximately what percentage of students in your school have the following backgrounds?

Check one circle for each line.

0 to 10%

11 to 25%

26 to 50%

**More than
50%**

a) Come from economically
disadvantaged homes — — _____

b) Come from economically
affluent homes----- — — —

4

Around the first of October 2010 what percentage of students at this school were eligible to receive free or reduced-price lunches through the National School Lunch Program?

_____ percentage of students

A. Which best describes the immediate area in which your school is located?*Check one circle only.*

- Urban-Densely populated A
- Suburban-On fringe or outskirts of urban area- A
- Medium size city or large town A
- Small town or village- A
- Remote rural- A

B. Which best characterizes the average income level of the school's immediate area?*Check one circle only.*

- High- A
- Medium- A
- Low- A

What type of school is this?*Check one circle only.*

1. Regular public elementary school A
2. A regular public school with a magnet program A
3. A magnet school or school with a special program emphasis (e.g ., science/math school, performing arts school, talented/gifted school, foreign language immersion school, etc.) A
4. Special education: a school that primarily serves students with disabilities A
5. Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular or special

education

A

A. Approximately what percentage of students in your school have English as their native language?

Check one circle only.

More than 90% - A

76 to 90% - A

51 to 75% - A

26 to 50% - A

25% or less - A

B. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient (LEP)/English language learners (ELL)?

Check one circle only.

0% - A

1 to 5% - A

6 to 10% - A

11 to 25% - A

26 to 50% - A

51 to 75% - A

76 to 90% - A

Over 90% A

Instructional Time Resources and Technology

8

For the fourth-grade students in your school:

A. How many days per year is your school open for instruction?

_____ days
Write in the number.

B. What is the total instructional time, excluding breaks, in a typical day?

_____ hours and _____ minutes
Write in the number of hours and minutes.

C. In one calendar week, how many days is the school open for instruction?

*Check **one** circle only.*

6 days - -

5 1/2 days - -

5 days - -

4 1/2 days - -

4 days - -

Other - -

Please specify _____

9

What is the total number of computers that can be used for instructional purposes by fourth-grade students?

_____ computers
Write in the number.

10

Does your school have a science laboratory that can be used by fourth-grade students?

Check **one** circle only.

Yes - A

No - A

11

Does your school have a school library?

Check **one** circle only.

Yes - A

No - A _____

(If No, go to #10)

If Yes,

A. Approximately how many books with different titles does your school library have (exclude magazines and periodicals)?

Check **one** circle only.

250 or fewer - A

251-500 - A

501-2,000 - A

2,001-5,000 - A

5,001-10,000 - A

More than 10,000 - A

B. Approximately how many titles of magazines and other periodicals does your school library have?

Check **one** circle only.

0 - A

1-5 - A

6-10 - A

11-30 - A

31 or more - A

How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

Check **one** circle for each line.

Not at all

A little

Some

A lot

A.-----General School Resources

a)Second language teachers A - A _____ A _____ A

b) Instructional materials (e.g., textbooks)----- A - A — A - A

c) Supplies (e.g., papers, pencils)----- A - A — A - A

d)School buildings and grounds----- A - A — A - A

e)Heating/cooling and lighting systems----- A - A — A - A

f) Instructional space (e.g., classrooms)----- A - A — A - A

g)Technologically competent staff----- A - A — A - A

h)Special equipment for physically disabled students A - A _____ A _____ A

i) Computers for instruction A - A _____ A _____ A

B.-----Resources for Reading Instruction

a)---Teachers with a specialization in reading A - A - A _____ A

b)Computer software for reading instruction A - A — A - A

c)----- Library books A - A - A - A

d) Audio-visual resources for
reading instruction A - A - A - A

Check **one** circle for each line.

Not at all

A little

Some

A lot

**C.-----Resources for Mathematics
Instruction**

a)Teachers with a specialization
in mathematics---- A - A - A - A

b)Computer software for
mathematics instruction A - A - A - A

c)Library materials relevant
to mathematics instruction A - A - A - A

d)Audio-visual resources for
mathematics instruction A - A - A - A

e)Calculators for mathematics
instruction----- A - A - A - A

**D.-----Resources for Science
Instruction**

a)----Teachers with a
specialization in science A - A - A - A

b)Computer software for
science instruction A - A - A - A

c)Library materials relevant
to science instruction A - A - A - A

d)Audio-visual resources for
science instruction A - A - A - A

e)Science equipment and
materials----- A - A - A - A

Involving Parents in Your School

A. How often does your school do the following for parents concerning individual students?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about their child's learning progress - - - -
- b) Inform parents about the behavior and well-being of their child at school - - -
- c) Discuss parents' concerns or wishes about their child's learning----- - - -
- d) Support individual parents in helping their child with schoolwork----- - - -

B. How often does your school ask parents to do the following?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Ask parents to raise funds for the school----- - - -
- b) Ask parents to volunteer for school projects, programs, and trips----- - - -
- c) Ask parents to serve on school committees - - -

C. How often does your school do the following for parents in general?

Check **one** circle for each line.

Never

Once a year

2-3 times a year

More than 3 times a year

- a) Inform parents about the overall academic achievement of the school (e.g., results of national tests, results of inspections of learning) **A** — **A** - **A** — **A** — **A**
- b) Inform parents about school accomplishments (e.g., tournament results, facility improvements)----- **A** - **A** — **A** - **A**
- c) Inform parents about the educational goals and pedagogic principles of the school----- **A** - **A** — **A** - **A**
- d) Inform parents about the rules of the school **A** - **A** - **A** - **A**
- e) Discuss parents' concerns or wishes about the school's organization (e.g., rules and regulations, time tables, safety measures) - **A** - **A** — **A** - **A**
- f) Provide parents with additional learning materials (e.g., books, computer software) for their child to use at home ----- **A** - **A** — **A** - **A**
- g) Organize workshops or seminars for parents on learning or pedagogical issues----- **A** - **A** — **A** - **A**

School Climate

How would you characterize each of the following within your school?

Check **one** circle for each line.

Very high
High
Medium
Low
Very low

- a)-----Teachers' job satisfaction----- A - A — A - A — A
- b)Teachers' understanding of the school's curricular goals----- A - A — A - A — A
- c)Teachers' degree of success in implementing the school's curriculum A — A - A — A _____ A
- d)Teachers' expectations for student achievement----- A - A — A - A — A
- e)Parental support for student achievement A — A - A — A _____ A
- f) Parental involvement in school activities A - A — A - A — A
- g)Students' regard for school property---- A - A — A - A — A
- h)Students' desire to do well in school----- A - A — A - A — A

A. To what degree is each of the following a problem among fourth-grade students in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late at school A — A - A _____ A
- b) Absenteeism (i.e., unjustified absences) A — A - A _____ A
- c) Classroom disturbance A — A - A _____ A
- d)-----Cheating A - A - A - A
- e)-----Profanity A - A - A - A
- f) Vandalism----- A - A — A - A
- g)-----Theft A - A - A - A
- h) Intimidation or verbal abuse among students (including texting, emailing, etc.) A — A - A _____ A
- i) Physical fights among students----- A - A — A - A
- j) Intimidation or verbal abuse of teachers or staff (including texting, emailing, etc.) A — A - A _____ A

B. To what degree is each of the following a problem among teachers in your school?

Check one circle for each line.

Not a problem
Minor problem
Moderate problem
Serious problem

- a) Arriving late or leaving early A - A _____ A _____ A
- b)-----Absenteeism A - A - A - A

Teachers in Your School Leadership Activities

16

In your school, are any of the following used to evaluate the practice of fourth-grade teachers?

Check **one** circle for each line.

Yes

No

- a)-----Observations by the principal or senior staff ----- A - A
- b)-----Observations by inspectors or other persons external to the school ----- A - A
- c)-----Student achievement A — A
- d)-----Teacher peer review A — A

17

Do fourth-grade teachers in your school have an opportunity to participate in a mentoring program?

Check **one** circle only.

- Yes - - A
- No - - A

18

Do the fourth-grade students in your school have separate teachers for any of the core subjects?

Check **one** circle for each line.

Yes

No

- a)-----English A — A
- b)-----Mathematics A — A
- c)-----Science A — A

During the past year, approximately how much time have you spent on the following school leadership activities in your role as a school principal?

Check **one** circle for each line.

No time

Some time

A lot of time

- a) Promoting the school's educational vision or goals A - A _____ A
- b) Developing the school's curricular and educational goals A _____ A _____ A
- c) Monitoring teachers' implementation of the school's educational goals in their teaching ----- A — A - A
- d) Monitoring students' learning progress to ensure that the school's educational goals are reached A _____ A _____ A
- e) Teaching some classes to understand your students and their problems A _____ A _____ A
- f) Keeping an orderly atmosphere in the school A - A _____ A
- g) Ensuring that there are clear rules for student behavior A - A _____ A
- h) --Addressing disruptive student behavior ----- A — A - A
- i) Creating a climate of trust among teachers ----- A — A - A
- j) Initiating a discussion to help teachers who have problems in the classroom ----- A — A - A
- k) Advising teachers who have questions or problems with their teaching ----- A — A - A
- l) Visiting other schools or attending educational conferences for new ideas A - A _____ A
- m) --Initiating educational

projects or improvements A - A — A

n) Participating in professional development activities specifically
for school principals ---- A — A - A

School Readiness

Reading in Your School

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About how many of the students in your school can do the following when they begin primary/elementary school?

Check **one** circle for each line.

Less than 25%

25-50%

51-75%

More than 75%

- a) Recognize most of the letters of the alphabet A — A - A _____ A
- b) - Read some words A - A - A - A
- c) --- Read sentences A - A - A - A
- d) Write letters of the alphabet A - A _____ A _____ A
- e) Write some words A - A - A - A
- f) Count up to 100 or higher A - A _____ A _____ A
- g) Recognize all 10 written numerals from 1-10 A - A - A - A
- h) Write all 10 numerals from 1-10 ----- A - A — A - A

At which grade do the following reading skills and strategies first receive a major emphasis in instruction in your school?

Check **one** circle for each line.

First grade or earlier

Second grade

Third grade

Fourth grade

Not in these grades

- a) Knowing letters of the alphabet ----- A - A — A - A — A
- b) Knowing letter-sound relationships ----- A - A — A - A — A
- c)----Reading words A - A - A - A - A
- d) Reading isolated sentences A - A — A — A A A
- e) Reading connected text A - A - A - A A A
- f) Locating information within the text ----- A - A — A - A — A
- g) Identifying the main ideas of what they have read A - A - A - A A A
- h) Explaining or supporting their understanding of what they have read ----- A - A — A - A — A
- i) Comparing what they have read with experiences they have had ----- A - A — A - A — A
- j) Comparing what they have read with other things they have read ----- A - A — A - A — A
- k) Making predictions about what will happen next in the text they are reading A — A - A — A A A
- l) Making generalizations and drawing inferences based on what they have read A — A - A — A A A
- m) Describing the style or structure of the text they have read ----- A - A — A - A — A
- n) Determining the author's

perspective or intention A - A - A - A — A

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Compared with other areas of the curriculum (e.g., mathematics and science), how much emphasis does your school place on teaching the following language and literacy skills to students in grades 1 to 4?

Check one circle for each line.

More emphasis

Same emphasis

Less emphasis

a)-----Reading A - A - A

b)Writing (not handwriting) A — A — A

c)Speaking/listening
(oral language) ---- A - A — A

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For students in fourth grade and below, does your school make provisions for reading instruction in mother tongue for students whose mother tongue is not English?

Check one circle only.

Yes - A

No - A