## Appendix A:

# Subject-Specific Teacher Questionnaires REDACTED VERSION 

Items to be Included in the Cognitive Labs

Reading Questionnaire:

- C1: Peer group evaluation
- C5: Peer relationships
- E1a-g: Reading skills
- E2e-m: Reading activities


## Math Questionnaire:

- B1a-i: Math skills
- B2b, i, and m: Math activities

Supplemental Questions for Math Teachers Only:

- Communication with parents
- School liking
- Peer relationships


## Science Questionnaire:

- B1a-f: Science skills
- B2g and I: Science activities

Supplemental Questions for Science Teachers Only:

- Communication with parents
- School liking
- Peer group evaluation

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# GRADE 4 <br> Reading and Language Arts Teacher Questionnaire PILOT TEST <br> Child Level 

Prepared for the U.S. Department of Education
National Center for Education Statistics by:

Westat<br>Rockville, Maryland

Use a black or blue ball point pen to complete this questionnaire.

> RETURN THIS COMPLETED QUESTIONNAIRE IN THE SEALED
> TYVEK® ENVELOPE DIRECTLY TO YOUR SCHOOL COORDINATOR OR AN ECLS-K:2011 STAFF MEMBER. DO NOT MAIL THIS QUESTIONNAIRE UNLESS YOU ARE ASKED TO DO SO BY STUDY STAFF AND ARE PROVIDED WITH AN ENVELOPE FOR MAILING.


According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is $X X X X$ XXXX. Approval expires $\mathrm{XX} / \mathrm{XX} / \mathrm{XXXX}$. The time required to complete this information collection is estimated to average XX minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information requested. If you have any comments concerning the accuracy of the time estimate or suggestions for improving the survey instrument, please write to: U.S. Department of Education, Washington, D.C. 20202-4537. If you have comments or concerns regarding the status of your individual response to this survey, write directly to: National Center for Education Statistics, 1990 K Street, N.W., Room 9086, Washington, D.C. 20006-5574.

The collection of information in this survey is authorized by 20 U.S. Code, Section 9543. Participation is voluntary. You may skip questions you do not wish to answer; however, we hope that you will answer as many questions as you can. Your responses are protected from disclosure by federal statute (20 U.S. Code, Section 9573). All responses that relate to or describe identifiable characteristics of individuals may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law. Data will be combined to produce statistical reports. No individual data that links your name, address, telephone number, or identification number with your responses will be included in the statistical reports.

## Dear Teacher,

This questionnaire is an important part of a major longitudinal study of children's early educational experiences beginning with kindergarten and continuing through grade 5. You have received this questionnaire because you teach reading and language arts to fourth grade students.

- As you complete this questionnaire, please think about a child who is currently in your fourth grade reading and language arts class.

The Early Childhood Longitudinal Study, Kindergarten Class of 2010-2011 (ECLS-K:2011) is collecting information from teachers of children who are in the study to investigate the relationship between children's academic progress and various school, classroom, teacher, and home characteristics. Taking part in the study is voluntary. You may stop at any time or choose not to answer a question you do not want to answer. However, only you can provide this information. Although we realize you are very busy, we urge you to complete this questionnaire as completely and accurately as possible. The information you provide is being collected for research purposes only and will be protected from disclosure to the fullest extent allowable by law (Education Sciences Reform Act of 2002, 20 U.S.C. § 9573). Information from multiple individuals will be combined to produce statistical reports; no information that identifies you will be included in any reports or provided to students, their parents, or other school staff.

Please record your answers directly on the questionnaire by marking the appropriate answer (as instructed on page 5) or by writing your responses in the space provided. Your best estimates are acceptable answers.

## DEFINITIONS

For the purposes of this study, the following definitions apply:

- Individualized Education Program (IEP): A written statement of the educational program designed to meet the individual needs of a school-aged child with a disability that is judged to affect the child's educational performance. Children who receive special education services under the Individuals with Disabilities Act (IDEA) are expected to haven an IEP.
- English language learner (ELL): A student whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that he or she has difficulty understanding school instruction in English.

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## TYPES OF LANGUAGE INSTRUCTION EDUCATIONAL PROGRAMS (LIEPS) ${ }^{1}$

## Programs that focus on developing students' literacy in two languages

- Two-way immersion program (TWI) or two-way bilingual program: The goal of these programs is to develop strong skills and proficiency in both students' home language and English. These programs may also be called dual language programs. These programs include students whose native language is not English (but who all speak the same non-English language) and students whose native language is English. Instruction is provided in both languages, typically starting with a smaller proportion of instruction in English, and gradually moving to half of the instruction in each language. Students typically stay in these programs throughout elementary school.
- Developmental bilingual program, late exit transitional program, or maintenance bilingual education program: The goal of these programs is to develop some skills and proficiency in students' home language and strong skills and proficiency in English. Content is taught in both languages by teachers fluent in both languages. These programs may also be called dual language programs. Instruction at lower grades is in the students' home language with a gradual transition to English. Students typically transition into mainstream classrooms with their English-speaking peers. The programs can vary in the focus placed on acquiring literacy in students' home language, but students generally do continue to receive some degree of support in their home language after the transition to English classrooms.
- Transitional program, early exit bilingual program, or early exit transitional program: The goal of these programs is to develop English proficiency skills as soon as possible, without delaying learning of academic core content. Instruction begins in students' home language but rapidly moves to English. Students typically are transitioned into mainstream classrooms with their English-speaking peers as soon as possible.
- Heritage language program or indigenous language program: The goal of these programs is to develop literacy in two languages. Content is taught in both languages by teachers fluent in both languages. These programs typically target non-English speakers with weak literacy skills in their home language.


## Programs that focus on developing students' literacy solely in English

- Sheltered English instruction or content-based English as a Second Language (ESL) program: The goal of these programs is to develop proficiency in English while learning content in an all-English setting. Students from various linguistic and cultural backgrounds can be in the same class. Instruction is adapted to students' proficiency in English and is supported by visual aids and support in the students' home languages as available. Fully developed prototypes of this program include Sheltered Instruction Observational Protocol (SIOP) and Specially Designed Academic Instruction in English (SDAIE).
- Structured English Immersion (SEI): The goal of SEI is to develop fluency in English. This program usually serves only English language learners. All instruction is in English, though the instruction is adjusted to the English proficiency level of students so subject matter is comprehensible. Teachers may have some receptive skills in the students' home language(s) and generally use sheltered instructional techniques.
- Pull-out English as a Second Language (ESL) or English Language Development (ELD): The goal of these programs is to develop fluency in English. ELL students leave their mainstream classroom for part of the day to receive ESL instruction, which generally focuses on grammar, vocabulary, and communication skills, not academic content. There typically is no support provided for students' home languages.
- Push-in English as a Second Language (ESL) program: The goal of push-in ESL is to develop fluency in English. Students receive ESL instruction in a mainstream classroom, with instruction in English with some native language support if needed. The ESL teacher or an instructional aide provides clarification, translation if needed, and uses ESL strategies.


## THANK YOU VERY MUCH FOR YOUR HELP.

[^0]
## MARKING DIRECTIONS

PLEASE READ CAREFULLY AND USE A BLACK OR BLUE BALL POINT PEN TO COMPLETE THIS QUESTIONNAIRE. DO NOT USE PENCIL OR FELT-TIP PEN.

## MARKING BOXES

It is important that you mark an " $X$ " in the box next to your answers and print clearly.
Shown below is the correct way to mark your answers, along with examples of incorrect ways.

## Correct Mark:



Incorrect Marks:
Light and thin, outside the box, thick or scrawled.


How to Change an Answer:
Completely black out the box of the incorrect answer and mark an " $X$ " in the box next to the correct answer


## PRINTING ANSWERS IN BOXES

Answers should be printed clearly and should not touch or cross any of the box lines. Do not cross zeroes or sevens. That is, do not write a zero with a line through it like this $-\theta$, and do not write a seven with a line through it like this -7 .

Write one number per box like this:


Write words like this:

## Copyright Language to Use in Reading/Language Arts Teacher Questionnaire

## Social Skills

Twenty-six items ask teachers to rate children in their classroom on social skills (including their ability to exercise self-control, interact with others, resolve conflict, and participate in group activities); problem behaviors (e.g., fighting, bullying, arguing, anger, depression, low self-esteem, impulsiveness, etc.); and learning dispositions or "approaches to learning" (e.g., curiosity, self-direction, and inventiveness). The social skills items and the problem behavior items are not listed as they are copyright protected. The learning disposition items are not copyright protected and are listed below.

Source: Social Skills Rating System (SSRS). Copyright © 1990 NCS Pearson. Adapted with permission. All rights reserved.

## Learning Disposition (Approaches to Learning) Scale items

The teacher indicated how frequently the child exhibited the following behaviors. The response scale included four points ranging from "never" to "very often," and there was also a "no opportunity to observe" option.

- Keeps belongings organized
- Shows eagerness to learn new things
- Works independently
- Easily adapts to changes in routine
- Follows classroom rules
- Persists in completing tasks
- Pays attention well

A2. Please indicate how often each of these items applies to the child identified on the cover of this questionnaire. MARK ONE RESPONSE ON EACH ROW.

| Doesn't apply | $\rightarrow$ Child seldom displays this behavior |
| :--- | :--- |
| Sometimes applies | $\rightarrow$ Child occasionally displays this behavior |
| Certainly applies | $\rightarrow$ Child often displays this behavior |


|  |  |  |  |
| :--- | :--- | :--- | :--- |
| a. Likes to come to school | Doesn't apply <br> (seldom displays <br> this behavior) | Sometimes applies <br> (occasionally displays <br> this behavior) | Certainly applies <br> (often displays <br> this behavior) |
| b. Dislikes school | $\square$ | $\square$ |  |

Source: Teacher version of the School Liking and Avoidance Questionnaire (SLAQ; Adapted from Ladd \& Price, 1987; Ladd, 1990)

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## SECTION B. CLASSROOM BEHAVIORS

Please continue to think about the child identified on the cover of this questionnaire.
B1. Please read each statement and decide whether it is a "true" or "untrue" description of this child's reaction to a number of situations within the past six months. If you cannot answer one of the items because you have never seen the child in that situation, then mark "not applicable."
The child:
a. Is easily distracted when listening
to a story.
b. Can stop him/herself when s/he is
told to stop.
c. Looks around the room when doing
school work.
d. Can stop him/herself from doing
things too quickly.
e. When working on an activity, has a
hard time keeping her/his mind on it.

[^1]
## SECTION C. PEER RELATIONSHIPS

C1. For the items below, please think about the friends with whom the child identified on the cover of this questionnaire has associated the most during the past month or two. Please indicate how often you think each of these items applies to this group of children. MARK ONE RESPONSE ON EACH ROW.

|  | Almost always untrue | Usually untrue | Sometimes true, sometimes untrue | Usually true | Almost always true |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a. This is a good group of kids | $\square$ | $\square$ | $\square$ | $\square$ |  |
| b. I worry when this child is with this group of kids | $\square$ | $\square$ |  | $\square$ |  |
| c. Some of these kids are a bad influence on this child |  |  |  |  |  |
| d. These kids must be closely supervised by an adult |  |  |  |  |  |
| e. These kids are often in trouble |  |  |  |  |  |
| f. These kids are excellent students |  | $\square$ | $\square$ | $\square$ |  |
| g. These kids are hard workers |  |  |  |  |  |
| h. This child has a fun time with this group of children | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| i. Most of these kids are kind to other children | $\square$ | - | $\square$ |  | $\square$ |

Source: Vandell, Deborah Lowe (2001). Relationships With Peers: Part D (Teacher). Unpublished scale, NICHD Study of Early Child Care and Youth Development, Form FLV18G3.

C2. Please indicate how often each of these items applies to this child, particularly in the context of his or her behavior with peers. MARK ONE RESPONSE ON EACH ROW.

|  | Doesn't apply (seldom displays this behavior) | Sometimes applies (occasionally displays this behavior) | Certainly applies (often displays this behavior) |
| :---: | :---: | :---: | :---: |
| a. Seems concerned when other children are distressed. |  | $\square$ | $\square$ |
| b. Is not chosen as playmate by peers. | $\square$ | $\square$ | $\square$ |
| c. Peers avoid this child. | $\square$ | $\square$ | $\square$ |
| d. Is kind toward peers. | $\square$ | $\square$ | $\square$ |
| e. Is excluded from peers' activities. | $ـ$ | - | $\square$ |
| f. Is cooperative with peers. | $\square$ | $\square$ | $\square$ |
| g. Shows concern for moral issues (for example, fairness, welfare of others). |  |  |  |
| h. Is ignored by peers. | $\square$ | $\square$ | $\square$ |
| i. Offers help or comfort when other children are upset. |  |  |  |

[^2]C3. During this school year, how often have other students ... MARK ONE RESPONSE ON EACH ROW.

|  | Never | Rarely | Sometimes | Often |
| :--- | :--- | :--- | :--- | :--- | :--- |
| a. Teased, made fun of, or called |  |  |  |  |
| anis student names? |  |  |  |  |
| then |  |  |  |  |

C4. During this school year, how often has this student ... MARK ONE RESPONSE ON EACH ROW.

|  | Never | Rarely | Sometimes | Often |
| :--- | :--- | :--- | :--- | :--- | :--- |
| a. Teased, made fun of, or called |  |  |  |  |
| other students names? |  |  |  |  |

Source: Espelage, D. L. \& Holt, M. (2001). Bullying and peer victimization during early adolescence: Peer influences and psychosocial correlates. Journal of Emotional Abuse, 2, 123-142. Adapted and used with permission.

C5. Please evaluate the performance of the child identified on the cover of this questionnaire in the following areas, using the categories below. MARK ONE RESPONSE ON EACH ROW.

|  | Very poor | Somewhat poor | Average | Good | Very good |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a. Understands others' feelings | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Accurately interprets what a peer is trying to do |  |  |  |  |  |
| c. Generates good quality solutions to interpersonal problems |  |  |  |  |  |
| d. Is aware of the effects of his/her behavior on others |  |  |  |  |  |

Source: Pierce, K. M., Hamm, J. V., \& Vandell, D. L. (1999). Experiences in after-school programs and children's adjustment in first-grade classrooms. Child Development, 70, 756-767.

## SECTION D. STUDENT INFORMATION

Please continue to think about the child identified on the cover of this questionnaire.

D1. How long has this child been in your reading class this school year until now? MARK ONE RESPONSE.
$\square$ Entire school year until nowMore than one semester but less than the entire school year until nowMore than one quarter but less than one semesterLess than one quarter of the school year

D2. Please indicate the total number of absences for this child for the current school year. MARK ONE RESPONSE.

No absences1 to 4 absences5 to 7 absences8 to 10 absences
$\square 11$ to 19 absences
$\square 20$ or more absences

D3. Does this child receive (or has he/she received during this school year) instruction in any of the following types of programs in your school? MARK YES OR NO ON EACH ROW.

|  | Yes |
| :--- | :--- | :--- |
| a. Individual tutoring or remedial program in reading/language arts | $\square$ |
| b. Gifted and talented program in reading/language arts | $\square$ |
| c. Gifted and talented program with no specific content focus | $\square$ |

D4. Is English this child's native language? MARK ONE RESPONSE.
$\square$ Yes (SKIP TO Q D10)No
$\square$ Don't know

D5. Does this child participate in an instructional program designed to teach English language skills to children with limited English proficiency? MARK ONE RESPONSE.

$\square$ No (SKIP TO Q D10)

D6. Would you say the instruction this child receives is primarily... MARK ONE RESPONSE.

EXAMPLES OF THE PROGRAMS INCLUDED IN EACH CATEGORY ARE PROVIDED BELOW. SEE PAGE 4 FOR DEFINITIONS OF THESE EXAMPLES.
$\square$ Programs that focus on developing students' literacy in two languages. For example:

- Two-way immersion program or two-way bilingual program
- Developmental bilingual program, late exit transitional program, or maintenance bilingual education program
- Transitional program, early exit bilingual program, or early exit transitional program
- Heritage language program or indigenous language program
$\square$ Programs that focus on developing students' literacy solely in English. For example:
- Sheltered English instruction or content-based English as a Second Language (ESL) program
- Structured English Immersion (SEI)
- Pull-out English as a Second Language (ESL) or English Language Development (ELD)
- Push-in ESL program


## $\square$ Other program(s) (PLEASE SPECIFY)

$\square$
$\square$ No specialized language program is provided to this child. (SKIP TO Q D9)

D7. How often does this child usually receive specialized language instruction of the following program types? MARK ONE RESPONSE ON EACH ROW.

Less
than
once 1 day 2 days 3 days 4 days 5 days
Never a week a week a week a week a week a week
a. Program that focuses on developing students' literacy in two languages
b. Program that focuses on
developing students' literacy
b. Program that focuses on
developing students' literacy solely in English

c. Other program

$\square$ $\square \quad \square$ $\square \quad \square$ $\square$

D8. On the days when this child receives specialized language instruction, for how much time does he/she receive instruction of the following program types? MARK ONE RESPONSE ON EACH ROW.

|  | Not Less applicable/ than $1 / 2$ never hour | $1 / 2$ hour <br> to less <br> than 1 <br> hour | 1 to less than 1 1/2 hours | $1 \frac{1}{2}$ to less than 2 hours | 2 to less than $21 / 2$ hours | $2 \frac{1}{2}$ to less than 3 hours | 3 hours or more |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Program that focuses on developing students' literacy in two languages |  | $\square$ | $\square$ | $\square$ |  |  |  |
| b. Program that focuses on developing students' literacy solely in English | $\square$ |  | $\square$ | $\square$ | $\square$ |  |  |
| c. Other program | $\square$ |  | $\square$ | $\square$ | $\square$ |  | $\square$ |

D9. During this school year, how often is this child's reading instruction provided in his/her native language? MARK ONE RESPONSE.

None of the time
$\square$ Less than half of the time
$\square$ Half of the timeMore than half of the timeAlmost all the time

D10. Does this child have an IEP on record with the school? MARK ONE RESPONSE.
$\square$ Yes
$\square$ No

D11. Does this child receive instruction in any of the following types of programs in your school? MARK YES OR NO ON EACH ROW.

| a. Speech-language therapy for children with speech or language | Yes |
| :--- | :--- | :--- |
| disorders/impairments |  |

D12. Overall, how would you rate this child's academic skills in each of the following areas, based on curriculum standards for his/her current grade level? MARK ONE RESPONSE ON EACH ROW.

|  | Below <br> grade <br> level |  | About on <br> grade <br> level |  | Above <br> grade <br> level |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | $\square$ | $\square$ | $\square$ |  |  |
| a. Reading | $\square$ | $\square$ | $\square$ | $\square$ |  |
| b. Writing | $\square$ | $\square$ | $\square$ | $\square$ |  |
| c. Oral language | $\square$ | $\square$ | $\square$ | $\square$ |  |
| d. Social Studies | $\square$ | $\square$ | $\square$ |  |  |

D13. How often does this child work to the best of her/his ability in reading and language arts? MARK ONE RESPONSE.

NeverSeldom
$\square$ Usually
$\square$ Always

D14. How many instructional groups based on achievement or ability levels in READING do you currently have in this child's class? MARK ONE RESPONSE.
$\square$ I do not use instructional groups for reading (SKIP TO Q D16)
$\square$ Two
$\square$ Three
$\square$ Four
$\square$ Five or more

D15. In which reading instructional group is this child currently placed? USE "1" FOR THE HIGHEST INSTRUCTIONAL GROUP. WRITE THE NUMBER OF THE CHILD'S INSTRUCTIONAL GROUP BELOW.
$\square$ Instructional Group

D16. How involved at the school would you say this child's parents/guardians are? MARK ONE RESPONSE.Not involved at allSomewhat involvedVery involved
$\square$ Don't know

D17. Are you this child's primary teacher in the following subject areas? MARK YES OR NO ON EACH ROW.

|  | Yes | No |
| :---: | :---: | :---: |
| a. Reading/Language Arts | $\square$ | $\square$ |
| b. Mathematics | $\square$ | $\square$ |
| c. Science | $\square$ | $\square$ |
| d. Social Studies | $\square$ | $\square$ |

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## SECTION E. READING AND LANGUAGE ARTS INSTRUCTION

Please answer the following questions for the reading class in which the child identified on the cover of this questionnaire receives reading and language arts instruction.

E1. From the first day of school until today, please indicate how many days each of the following 4th grade READING AND LANGUAGE ARTS skills and concepts have been covered in this class. Please include the time during which you provide direct instruction as well as the time you spend supervising students as they work. MARK ONE RESPONSE ON EACH ROW.

a. Understanding key ideas and details, including identifying the main idea or theme in a text; drawing inferences from details in text; explaining procedures in a scientific or technical text
b. Understanding craft and structure, including describing how the narrator's point of view influences the story; comparing different perspectives of the same event in
 the text(s); describing structural elements of poems and of dramas
c. Integration of knowledge and ideas, including comparing and integrating information from two different texts;
explaining how an author uses evidence to support a point; comparing a text to a visual presentation of the text such as a movie
d. Writing narratives, opinion pieces, and informational text with facts and details
e. Writing about topics covered in other subjects, like math, science or social studies
f. Developing and strengthening writing by planning, drafting, revising, and editing



Building vocabulary by studying words and their meanings in text; learning about roots, prefixes and suffixes; using context clues to derive meaning

Draft

E2. How often do the children in this class engage in the following reading and language arts activities? MARK ONE RESPONSE ON EACH ROW.

|  | Almost every day | Once or twice a week | Once or twice a month | Less than once a month or never |
| :---: | :---: | :---: | :---: | :---: |
| a. Read silently | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Read books they have chosen themselves |  |  |  |  |
| c. Talk with others about what they have read |  |  |  |  |
| d. Do a group activity or project about what they have read |  |  | $\square$ |  |
| e. Discuss different interpretations of what they have read | $\square$ |  |  |  |
| f. Look up assigned vocabulary words and write definitions |  | $\square$ |  |  |
| g. Use assigned vocabulary words orally in class or in written assignments |  | $\square$ |  |  |
| h. Write in a journal |  |  |  |  |
| i. When given specific questions, write responses that are at least 3 to 4 sentences long |  |  |  |  |
| j. Write responses to questions that are related to math, social studies, or science instruction | $\square$ | $\square$ |  |  |
| k. Do research using books and/or the internet to gather evidence as they are writing | $\square$ | - |  |  |
| I. Spend at least a week writing and revising things that they have written | $\square$ |  | - |  |
| m. Edit other students' writing | $\square$ | $\square$ | $\square$ |  |

## SECTION F. CLASSROOM AND STUDENT CHARACTERISTICS

Please answer the following questions about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

F1. As of today's date, how many children...

WRITE NUMBER IN BOX. IF THERE ARE NO CHILDREN IN A PARTICULAR CATEGORY, WRITE "0."

## Number of

 childrena. Are currently enrolled in this class?

b. Are boys?

c. Are girls?


F2. What grade levels are included in this class? MARK ALL THAT APPLY.
a. 2nd grade $\square$
b. 3rd grade $\square$
c. 4th grade $\square$
d. 5th grade $\square$
e. 6th grade or higher $\square$

F3. How many of the children in this class are repeating this grade this year? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children repeating this grade

F4. How many children in this class ...
WRITE NUMBER IN BOX. IF NONE, WRITE "O."

|  | Number of children |
| :---: | :---: |
| a. Are classified as Gifted and Talented? |  |
| b. Are participating in a Gifted and Talented program? |  |

F5. How many children in this class are absent on an average day? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children absent, on an average day

F6. How many children in this class are below grade level, about on grade level, or above grade level in each of the following subjects?
WRITE NUMBER IN BOX. IF NONE, WRITE "O."

|  | I do not teach this subject | Below grade level | About on grade level | Above grade level |
| :---: | :---: | :---: | :---: | :---: |
| a. English reading skills? | $\square$ |  |  |  |
| b. Mathematics skills? | $\square$ |  | $\square$ |  |
| c. Science? | $\square$ |  |  |  |

F7. At this point in the school year, how would you rate the behavior of the children in this class? MARK ONE RESPONSE.
$\square$ Group misbehaves very frequently and is almost always difficult to handle.
$\square$ Group misbehaves frequently and is often difficult to handle.
$\square$ Group misbehaves occasionally.Group behaves well.Group behaves exceptionally well.

F8. Approximately what percentage of the students in this classroom demonstrates the following problems? MARK ONE RESPONSE ON EACH ROW.


Source: Abry, T., Swanson, J., and Fabes, R. A. (2012). The Classroom Environment Student Difficulties Scale. Arizona State University, Unpublished measure. Adapted with permission.

F9. How many children in this class have a diagnosed disability? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children

F10. Do you have any children who are English language learners in this class? (English language learners are children whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that they have difficulty understanding school instruction in English.) MARK ONE RESPONSE.

$\square$ No (SKIP TO Q G1)

F11. How many English language learners (ELLs) do you have in this class? WRITE NUMBER IN BOX. IF NONE, WRITE "O."


Number of ELL children

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## SECTION G. CLASSROOM INSTRUCTION

Please continue to think about the specific reading class in which the child identified on the cover of this questionnaire receives instruction from you.

G1. In a typical day, how much time do children in this class spend in the following activities?
MARK ONE RESPONSE ON EACH ROW. DO NOT INCLUDE LUNCH OR RECESS BREAKS.

|  | No time | Half hour or less | About one hour | About two hours | About three hours | Four hours or more |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Working independently | - | $\square$ | $\square$ | $\square$ | $\square$ |  |
| b. Working on individual tasks under teacher direction | $ـ$ |  |  |  |  |  |
| c. Working with peers under teacher direction |  |  | $\Gamma$ |  |  |  |
| d. Working in small groups with teacher |  |  |  |  |  |  |
| e. Teacher lecture with large group and/or large group discussion led by teacher |  |  |  |  |  |  |

G2. Do any of the following staff members provide direct instruction to students in this class who are struggling or at risk of failure in reading? INCLUDE STAFF OTHER THAN YOURSELF WHO PROVIDE DIRECT INSTRUCTION EITHER IN THIS CLASS OR IN A PULL-OUT SETTING. EXCLUDE PARAPROFESSIONALS/AIDES. MARK YES OR NO ON EACH ROW.

|  | Yes | No |
| :--- | :--- | :--- | :--- |
| a. A READING specialist/interventionist who has specialized | $\square$ | $\square$ |
| training in reading instruction | $\square$ | $\square$ |

G3. In this class, how frequently do you or your students use computers or the following electronic devices for reading instructional purposes? Please include any desktop, laptop, or other computer-type devices. MARK ONE RESPONSE ON EACH ROW.


G4. In an average week, how many days a week is reading homework assigned in this class? Please count homework assigned over the weekend as one day. MARK ONE RESPONSE.

```
\square0 days (SKIP TO Q H1)
```

```
        1 day
2 days
\square3 days
\square4days
\square days
```

G5. On days when homework is assigned, how much time do you expect children in this class to spend on homework in the following areas? MARK ONE RESPONSE ON EACH ROW.

|  | I do not teach this subject | I never assign homework | 1 to 10 minutes | 11 to 20 minutes | 21 to 30 minutes | More than 30 minutes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Reading and language arts | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Math | , | , | , | $\square$ | , |  |
| c. Science | $\square$ |  |  |  |  |  |
| d. Social studies | $\square$ | $\square$ | , | , | $\square$ | $\square$ |

## SECTION H. EVALUATION AND GRADING PRACTICES

Please continue to think about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

H1. In this class, how often do you use a formal assessment in READING for the following purposes? MARK ONE RESPONSE ON EACH ROW.

|  | Never | Once a year | 2 times a year | $\begin{gathered} 3 \text { to } 4 \\ \text { times a } \\ \text { year } \end{gathered}$ | $\begin{gathered} 5 \text { to } 8 \\ \text { times a } \\ \text { year } \end{gathered}$ | 1 to 2 times a month | 1 to 2 times a week |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. To evaluate how well each student is responding to the core curriculum provided in the general education classroom |  |  |  |  |  |  | $\square$ |
| b. To monitor each student's progress on specific skills over the school year |  |  |  |  |  |  |  |
| c. To identify the deficits in specific skills of struggling students |  |  |  |  |  |  |  |
| d. To monitor the progress of students who fall below benchmark levels |  |  |  |  |  |  |  |
| e. To determine whether students need placement in a more or less intensive level of instruction | $\square$ |  |  |  |  |  |  |

H2. For each of the following statements about READING, indicate how strongly you agree or disagree. MARK ONE RESPONSE ON EACH ROW.

|  | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly agree | Don't know |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. This school has a set of clear, predetermined, grade-level benchmarks (that is, cut scores, goals/targets, or percentiles) that are used to determine which students are struggling or at risk of failure in reading in fourth grade. |  |  |  |  |  |  |
| b. This school has clear, predetermined criteria for determining the level of intervention fourth-grade students will receive in reading. |  |  |  |  |  |  |
| c. This school has clear, predetermined criteria for determining when fourthgrade students no longer need a reading intervention. |  |  |  |  |  |  |

H3. Date Questionnaire Completed:

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Ref $\quad \square$

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Study
Kindergarten Class of 2010-11

# GRADE 4 <br> Math <br> Teacher Questionnaire <br> PILOT TEST <br> Child Level 

Prepared for the U.S. Department of Education
National Center for Education Statistics by:

Westat<br>Rockville, Maryland

Use a black or blue ball point pen to complete this questionnaire.

> RETURN THIS COMPLETED QUESTIONNAIRE IN THE SEALED
> TYVEK® ENVELOPE DIRECTLY TO YOUR SCHOOL COORDINATOR OR AN ECLS-K:2011 STAFF MEMBER. DO NOT MAIL THIS QUESTIONNAIRE UNLESS YOU ARE ASKED TO DO SO BY STUDY STAFF AND ARE PROVIDED WITH AN ENVELOPE FOR MAILING.


According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is $X X X X$ XXXX. Approval expires $\mathrm{XX} / \mathrm{XX} / \mathrm{XXXX}$. The time required to complete this information collection is estimated to average $X X$ minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information requested. If you have any comments concerning the accuracy of the time estimate or suggestions for improving the survey instrument, please write to: U.S. Department of Education, Washington, D.C. 20202-4537. If you have comments or concerns regarding the status of your individual response to this survey, write directly to: National Center for Education Statistics, 1990 K Street, N.W., Room 9086, Washington, D.C. 20006-5574.

The collection of information in this survey is authorized by 20 U.S. Code, Section 9543. Participation is voluntary. You may skip questions you do not wish to answer; however, we hope that you will answer as many questions as you can. Your responses are protected from disclosure by federal statute (20 U.S. Code, Section 9573). All responses that relate to or describe identifiable characteristics of individuals may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law. Data will be combined to produce statistical reports. No individual data that links your name, address, telephone number, or identification number with your responses will be included in the statistical reports.

## Dear Teacher,

This questionnaire is an important part of a major longitudinal study of children's early educational experiences beginning with kindergarten and continuing through grade 5. You have received this questionnaire because you teach mathematics to fourth grade students.

- As you complete this questionnaire, please think about a child who is currently in your fourth grade mathematics class.

The Early Childhood Longitudinal Study, Kindergarten Class of 2010-2011 (ECLS-K:2011) is collecting information from teachers of children who are in the study to investigate the relationship between children's academic progress and various school, classroom, teacher, and home characteristics. Taking part in the study is voluntary. You may stop at any time or choose not to ans wer a question you do not want to answer. However, only you can provide this information. Although we realize you are very busy, we urge you to complete this questionnaire as completely and accurately as possible. The information you provide is being collected for research purposes only and will be protected from disclosure to the fullest extent allowable by law (Education Sciences Reform Act of 2002, 20 U.S.C. § 9573). Information from multiple individuals will be combined to produce statistical reports; no information that identifies you will be included in any reports or provided to students, their parents, or other school staff.

Please record your answers directly on the questionnaire by marking the appropriate answer (as instructed on page 4) or by writing your responses in the space provided. Your best estimates are acceptable answers.

## DEFINITIONS

For the purposes of this study, the following definitions apply:

- Individualized Education Program (IEP): A written statement of the educational program designed to meet the individual needs of a school-aged child with a disability that is judged to affect the child's educational performance. Children who receive special education services under the Individuals with Disabilities Act (IDEA) are expected to haven an IEP.
- English language learner (ELL): A student whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that he or she has difficulty understanding school instruction in English.

THANK YOU VERY MUCH FOR YOUR HELP.

## MARKING DIRECTIONS

PLEASE READ CAREFULLY AND USE A BLACK OR BLUE BALL POINT PEN TO COMPLETE THIS QUESTIONNAIRE. DO NOT USE PENCIL OR FELT-TIP PEN.

## MARKING BOXES

It is important that you mark an " $X$ " in the box next to your answers and print clearly.
Shown below is the correct way to mark your answers, along with examples of incorrect ways.

## Correct Mark:



Incorrect Marks:
Light and thin, outside the box, thick or scrawled.


How to Change an Answer:
Completely black out the box of the incorrect answer and mark an " $X$ " in the box next to the correct answer


## PRINTING ANSWERS IN BOXES

Answers should be printed clearly and should not touch or cross any of the box lines. Do not cross zeroes or sevens. That is, do not write a zero with a line through it like this $-\theta$, and do not write a seven with a line through it like this -7 .

Write one number per box like this:


Write words like this:

## SECTION A. STUDENT INFORMATION

Please answer the following questions about the child identified on the cover of this questionnaire.

A1. How long has this child been in your math class this school year until now? MARK ONE RESPONSE.
$\square$ Entire school year until now
$\square$ More than one semester but less than the entire school year until now

More than one quarter but less than one semester
$\square$ Less than one quarter of the school year

A2. Please indicate the total number of absences for this child for the current school year. MARK ONE RESPONSE.

No absences
$\square 1$ to 4 absences
$\square$ to 7 absences

8 to 10 absences
$\square 11$ to 19 absences
$\square 20$ or more absences

A3. Does this child receive (or has he/she received during this school year) instruction in any of the following types of programs in your school? MARK YES OR NO ON EACH ROW.

|  | Yes | No |
| :--- | :--- | :--- | :--- |
| a. Individual tutoring or remedial program in mathematics | $\square$ | $\square$ |
| b. Gifted and talented program in mathematics | $\square$ | $\square$ |

A4. Is English this child's native language? MARK ONE RESPONSE.
$\square$ Yes (SKIP TO Q A6)
$\square$ NoDon't know

A5. During this school year, how often is this child's mathematics instruction provided in his/her native language? MARK ONE RESPONSE.

None of the timeLess than half of the time
Half of the time
$\square$ More than half of the timeAlmost all the time

A6. Overall, how would you rate this child's academic skills in MATH, based on curriculum standards for his/her current grade level? MARK ONE RESPONSE.Below grade levelAbout on grade level
$\square$ Above grade level

A7. How often does this child work to the best of her/his ability in math? MARK ONE RESPONSE.
NeverSeldom
$\square$ Usually
Always

A8. How many instructional groups based on achievement or ability levels in MATHEMATICS do you currently have in this child's class? MARK ONE RESPONSE.
$\qquad$ I do not use instructional groups for mathematics
(SKIP TO Q A10)TwoThree
$\square$ FourFive or more

A9. In which mathematics instructional group is this child currently placed? USE "1" FOR THE HIGHEST INSTRUCTIONAL GROUP. WRITE THE NUMBER OF THE CHILD'S INSTRUCTIONAL GROUP BELOW.


Instructional Group

A10. Are you this child's primary teacher in the following subject areas? MARK YES OR NO ON EACH ROW.

| a. Reading/Language Arts | Yes |  |
| :--- | :--- | :--- |
| b. Mathematics | $\square$ | $\square$ |
| c. Science | $\square$ |  |
| d. Social Studies | $\square$ |  |

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## SECTION B. MATHEMATICS INSTRUCTION

Please answer the following questions for the math class in which the child on the cover of this questionnaire receives mathematics instruction.

B1. From the first day of school until today, please indicate how many days each of the following 4th grade MATHEMATICS skills and concepts have been covered in this class. Please include the time during which you provide direct instruction as well as the time you spend supervising students as they work. MARK ONE RESPONSE ON EACH ROW.

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Not | 1-10 | 11-20 | $21-40$ | $41-80$ | $\text { than } 80$ |
| taught | days | days | days | days | days |

a. Operations, including solving problems by multiplying or dividing two whole numbers; solving multiple-step word problems that use
 several different operations; interpreting remainders; finding factor pairs
b. Algebraic thinking, including solving word problems by representing the problem as an
 equation with a symbol for the unknown number
c. Understand place value, including reading and writing multiple-digit whole numbers using base-ten numerals; comparing two multiple-digit numbers based on meanings of the digits in each place; using place value understanding to round multiple-digit whole numbers to any place
d. Add and subtract multiple-digit numbers using strategies based on place value and properties of
 operations
e. Understand fractions, including comparing fractions with different numerators and different denominators; adding and subtracting fractions; multiplying fractions by whole numbers; understanding the relationship between decimals and fractions with a denominator of 10 or 100
f. Solve problems involving measurement, including understanding the relative size of measurements within one system of units such as seconds, minutes, hours; finding the area or

 perimeter of geometric shapes
g. Represent and interpret data, including making line plots to display fractions of a unit; using addition and subtraction of fractions to answer
 questions about a line plot
h. Understand concepts of angles, including measuring angles; adding and subtracting angle measures
i. Draw and identify lines and angles, including drawing points, lines, line segments, rays, angles, perpendicular and parallel lines; recognizing
 right triangles; understanding lines of symmetry

Draft

B2. How often do the children in this class engage in the following mathematics activities? MARK ONE RESPONSE ON EACH ROW.

|  | Almost every day | Once or twice a week | Once or twice a month | Less than once a month or never |
| :---: | :---: | :---: | :---: | :---: |
| a. Solve mathematics problems from textbooks or worksheets |  |  |  |  |
| b. Solve mathematics problems from the blackboard, whiteboard/SMART Board ${ }^{\circledR}$, or projector |  |  |  |  |
| c. Solve mathematics problems in small groups or with a partner | $\square$ | $\square$ | $\square$ |  |
| d. Work with measuring instruments (for example rulers, compasses, protractors) | - |  | $\square$ |  |
| e. Work with manipulatives (for example, geometric shapes) | $\square$ |  | $\square$ |  |
| f. Use a calculator | $\square$ | $\square$ |  |  |
| g. Take mathematics tests/quizzes | $\square$ | $\square$ | $\square$ | ] |
| h. Write a few sentences about how to solve a mathematics problem |  | $\square$ | $\square$ |  |
| i. Talk to the class about their mathematics work |  | $\square$ | $\square$ |  |
| j. Discuss solutions to mathematics problems with other students |  |  |  |  |
| k. Work on and discuss mathematics problems that reflect real-life situations | $\square$ |  | $\square$ |  |
| I. Use a computer for math (beyond using a computer's calculator) |  |  |  |  |
| m . Interpret visual representations (for example, diagrams, tables, models) |  |  |  |  |
| n. Create visual representations (for example, diagrams, tables, models) | $\square$ | $\square$ |  |  |

## SECTION C. CLASSROOM AND STUDENT CHARACTERISTICS

Please answer the following questions about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

## C1. As of today's date, how many children...

WRITE NUMBER IN BOX. IF THERE ARE NO CHILDREN IN A PARTICULAR CATEGORY, WRITE "O."


C2. What grade levels are included in this class? MARK ALL THAT APPLY.
a. 2nd grade
b. 3rd grade
$\square$
c. 4th grade
d. 5th grade
e. 6th grade or higher

C3. How many of the children in this class are repeating this grade this year? WRITE NUMBER IN BOX. IF NONE, WRITE "O."


Number of children repeating this grade

C4. How many children in this class ...
WRITE NUMBER IN BOX. IF NONE, WRITE "0."

## Number of children

a. Are classified as Gifted and Talented?

b. Are participating in a Gifted and Talented program?


C5. How many children in this class are absent on an average day? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children absent, on an average day

C6. How many children in this class are below grade level, about on grade level, or above grade level in each of the following subjects?

WRITE NUMBER IN BOX. IF NONE, WRITE "0."

|  | I do not teach this subject | Below grade level | About on grade level | Above grade level |
| :---: | :---: | :---: | :---: | :---: |
| a. English reading skills? | $\square$ |  |  |  |
| b. Mathematics skills? | $\square$ |  |  |  |
| c. Science? | $\square$ |  |  |  |

C7. At this point in the school year, how would you rate the behavior of the children in this class? MARK ONE RESPONSE.Group misbehaves very frequently and is almost always difficult to handle.Group misbehaves frequently and is often difficult to handle.Group misbehaves occasionally.Group behaves well.
$\square$ Group behaves exceptionally well.

C8. Approximately what percentage of the students in this classroom demonstrates the following problems? MARK ONE RESPONSE ON EACH ROW.

|  | 0\% | 1-10\% | 11-25\% | 26-50\% | 51-75\% | 76-100\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Have difficulty paying attention in class | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Lack self-control (disruptive behavior) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| c. Are rejected by peers | ] | $\square$ |  | $\square$ | $\square$ | $\square$ |
| d. Do not accept authority | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Source: Abry, T., Swanson, J., and Fabes, R. A. (2012). The Classroom Environment Student Difficulties Scale. Arizona State University, Unpublished measure. Adapted with permission.

C9. How many children in this class have a diagnosed disability? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children

C10. Do you have any children who are English language learners in this class? (English language learners are children whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that they have difficulty understanding school instruction in English.) MARK ONE RESPONSE.Yes
$\square$ No (SKIP TO Q D1)

C11. How many English language learners (ELLs) do you have in this class? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of ELL children

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## SECTION D. CLASSROOM INSTRUCTION

Please continue to think about the specific math class in which the child identified on the cover of this questionnaire receives instruction from you.

D1. In a typical day, how much time do children in this class spend in the following activities? MARK ONE RESPONSE ON EACH ROW. DO NOT INCLUDE LUNCH OR RECESS BREAKS.

|  | No time | Half hour or less | About one hour | About two hours | About three hours | Four hours or more |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Working independently | $\square$ | $\square$ | $\square$ | - | $\square$ |  |
| b. Working on individual tasks under teacher direction |  |  |  |  |  |  |
| c. Working with peers under teacher direction |  |  |  |  |  |  |
| d. Working in small groups with teacher |  |  |  |  |  |  |
| e. Teacher lecture with large group and/or large group discussion led by teacher | $\square$ |  |  |  |  |  |

D2. Do any of the following staff members provide direct instruction to students in this class who are struggling or at risk of failure in math? INCLUDE STAFF OTHER THAN YOURSELF WHO PROVIDE DIRECT INSTRUCTION EITHER IN THIS CLASS OR IN A PULL-OUT SETTING. EXCLUDE PARAPROFESSIONALS/AIDES. MARK YES OR NO ON EACH ROW.

|  | $\underline{\text { Yes }}$ | $\underline{\text { No }}$ |  |
| :--- | :--- | :--- | :--- |
| a. A MATH specialist/interventionist who has specialized | $\square$ | $\square$ |  |
| training in math instruction | $\square$ | $\square$ | $\square$ |

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D3. In this class, how frequently do you or your students use computers or the following electronic devices for math instructional purposes? Please include any desktop, laptop, or other computer-type devices. MARK ONE RESPONSE ON EACH ROW.

|  | Not <br> available | Never | Rarely |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| a.Computer (desktop, laptop or <br> other computer-type device <br> such as a tablet) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

D4. In an average week, how many days a week is math homework assigned in this class? Please count homework assigned over the weekend as one day. MARK ONE RESPONSE.

```
\square0 days (SKIP TO Q E1)
\square 1 \text { day}
\square2 days
\square3 days
4 days
 days
```

D5. On days when homework is assigned, how much time do you expect children in this class to spend on homework in the following areas? MARK ONE RESPONSE ON EACH ROW.

|  | I do not <br> teach this <br> subject | I never <br> assign <br> homework | $\mathbf{1}$ to $\mathbf{1 0}$ <br> minutes | $\mathbf{1 1}$ to $\mathbf{2 0}$ <br> minutes | More <br> 21 to $\mathbf{3 0}$ <br> minutes |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| than $\mathbf{3 0}$ |  |  |  |  |  |
| minutes |  |  |  |  |  |

Draft

## SECTION E. EVALUATION AND GRADING PRACTICES

Please continue to think about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

E1. In this class, how often do you use a formal assessment in MATHEMATICS for the following purposes? MARK ONE RESPONSE ON EACH ROW.

|  | Never | Once a year | 2 times a year | $\begin{gathered} 3 \text { to } 4 \\ \text { times a } \\ \text { year } \\ \hline \end{gathered}$ | $\begin{gathered} 5 \text { to } 8 \\ \text { times a } \\ \text { year } \\ \hline \end{gathered}$ | 1 to 2 times a month | $\begin{gathered} 1 \text { to } 2 \\ \text { times a } \\ \text { weeek } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. To evaluate how well each student is responding to the core curriculum provided in the general education classroom |  |  | $\square$ |  |  |  |  |
| b. To monitor each student's progress on specific skills over the school year |  |  |  |  |  |  | $\square$ |
| c. To identify the deficits in specific skills of struggling students |  |  |  |  |  |  |  |
| d. To monitor the progress of students who fall below benchmark levels |  |  |  |  |  |  |  |
| e. To determine whether students need placement in a more or less intensive level of instruction | $\square$ | $\square$ |  |  |  |  |  |

E2. For each of the following statements about MATHEMATICS indicate how strongly you agree or disagree. MARK ONE RESPONSE ON EACH ROW.


E3. Date Questionnaire Completed:


## THANK YOU FOR YOUR COOPERATION!

P

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Ref $\quad \square$


Study
Kindergarten Class of 2010-11

# GRADE 4 Science <br> Teacher Questionnaire <br> PILOT TEST <br> Child Level 

Prepared for the U.S. Department of Education
National Center for Education Statistics by:

Westat<br>Rockville, Maryland

Use a black or blue ball point pen to complete this questionnaire.

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## Dear Teacher,

This questionnaire is an important part of a major longitudinal study of children's early educational experiences beginning with kindergarten and continuing through grade 5. You have received this questionnaire because you teach science to fourth grade students.

- As you complete this questionnaire, please think about a child who is currently in your fourth grade science class.

The Early Childhood Longitudinal Study, Kindergarten Class of 2010-2011 (ECLS-K:2011) is collecting information from teachers of children who are in the study to investigate the relationship between children's academic progress and various school, classroom, teacher, and home characteristics. Taking part in the study is voluntary. You may stop at any time or choose not to answer a question you do not want to answer. However, only you can provide this information. Although we realize you are very busy, we urge you to complete this questionnaire as completely and accurately as possible. The information you provide is being collected for research purposes only and will be protected from disclosure to the fullest extent allowable by law (Education Sciences Reform Act of 2002, 20 U.S.C. § 9573). Information from multiple individuals will be combined to produce statistical reports; no information that identifies you will be included in any reports or provided to students, their parents, or other school staff.

Please record your answers directly on the questionnaire by marking the appropriate answer (as instructed on page 4) or by writing your responses in the space provided. Your best estimates are acceptable answers.

## DEFINITIONS

For the purposes of this study, the following definitions apply:

- Individualized Education Program (IEP): A written statement of the educational program designed to meet the individual needs of a school-aged child with a disability that is judged to affect the child's educational performance. Children who receive special education services under the Individuals with Disabilities Act (IDEA) are expected to haven an IEP.
- English language learner (ELL): A student whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that he or she has difficulty understanding school instruction in English.


## THANK YOU VERY MUCH FOR YOUR HELP.

## MARKING DIRECTIONS

PLEASE READ CAREFULLY AND USE A BLACK OR BLUE BALL POINT PEN TO COMPLETE THIS QUESTIONNAIRE. DO NOT USE PENCIL OR FELT-TIP PEN.

## MARKING BOXES

It is important that you mark an " $X$ " in the box next to your answers and print clearly.
Shown below is the correct way to mark your answers, along with examples of incorrect ways.

## Correct Mark:



Incorrect Marks:
Light and thin, outside the box, thick or scrawled.


How to Change an Answer:
Completely black out the box of the incorrect answer and mark an " $X$ " in the box next to the correct answer


## PRINTING ANSWERS IN BOXES

Answers should be printed clearly and should not touch or cross any of the box lines. Do not cross zeroes or sevens. That is, do not write a zero with a line through it like this $-\theta$, and do not write a seven with a line through it like this -7 .

Write one number per box like this:


Write words like this:

PART 1.

## SECTION A. STUDENT INFORMATION

Please answer the following questions about the child identified on the cover of this questionnaire

A1. How long has this child been in your science class this school year until now? MARK ONE RESPONSE.
$\square$ Entire school year until now
$\square$ More than one semester but less than the entire school year until now
$\square$ More than one quarter but less than one semester
$\square$ Less than one quarter of the school year

A2. Please indicate the total number of absences for this child for the current school year. MARK ONE RESPONSE.

No absences
$\square 1$ to 4 absences
$\square 5$ to 7 absences
$\square 8$ to 10 absences
$\square 11$ to 19 absences
$\square 20$ or more absences

A3. Is English this child's native language? MARK ONE RESPONSE.
$\square$ Yes (SKIP TO Q A5)


No
$\square$ Don't know

A4. During this school year, how often is this child's science instruction provided in his/her native language? MARK ONE RESPONSE.None of the timeLess than half of the timeHalf of the timeMore than half of the timeAlmost all the time

A5. Overall, how would you rate this this child's academic skills in SCIENCE based on curriculum standards for his/her current grade level? MARK ONE RESPONSE.
$\square$ Below grade level
About on grade level
Above grade level

A6. How often does this child work to the best of her/his ability in science? MARK ONE RESPONSE.
$\square$ Never
$\square$ Seldom


Usually
$\square$ Always

A7. Are you this child's primary teacher in the following subject areas? MARK YES OR NO ON EACH ROW.

| a. Reading/Language Arts | $\underline{\text { Yes }}$ |
| :--- | :--- | :--- |
| b. Mathematics $\square$ |  |
| c. Science | $\square$ |

PART 2.

## SECTION B. SCIENCE INSTRUCTION

Please answer the following questions for the science class in which the child identified on the cover of this questionnaire receives science instruction.

B1. From the first day of school until today, please indicate how many days each of the following 4th grade SCIENCE skills and concepts have been covered in this class. Please include the time during which you provide direct instruction as well as the time you spend supervising students as they work. MARK ONE RESPONSE ON EACH ROW.

|  | Not taught | $\begin{gathered} \text { On } \\ 1-10 \\ \text { days } \end{gathered}$ | On 11-20 days | $\begin{gathered} \text { On } \\ 21-40 \\ \text { days } \end{gathered}$ | $\begin{gathered} \text { On } \\ 41-80 \\ \text { days } \\ \hline \end{gathered}$ | On more than 80 days |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Physical science, including understanding properties of electricity and magnetism |  |  |  |  |  |  |
| b. Life science, including learning about organisms, life cycles, food chains and ecosystems |  |  |  |  |  |  |
| c. Earth science, including learning about rocks and minerals, weather, erosion |  |  | $\square$ |  |  |  |

d. Observations and hypotheses, including understanding the difference between observations and inferences, formulating predictions that can be tested
e. Scientific testing, including planning and conducting investigations, measuring using appropriate tools, demonstrating safe behavior
f. Analysis and conclusions, including analyzing the results of a scientific investigation and determining whether the results support the initial prediction

B2. How often do the children in this class engage in the following science activities? MARK ONE RESPONSE ON EACH ROW.

|  | Almost every day | Once or twice a week | Once or twice a month | Less than once a month or never |
| :---: | :---: | :---: | :---: | :---: |
| a. Read a science textbook | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Discuss science in the news |  |  | $\square$ |  |
| c. Work with other children on a science activity or project |  | $\square$ |  |  |
| d. Use science equipment (e.g., magnifying glass, scales, thermometers) |  |  |  |  |
| e. Prepare a written science report | $\square$ |  | $\square$ |  |
| f. Engage in hands-on activities or investigations in science | $\square$ | $\square$ | L |  |
| g. Talk about measurements and results from children's hands-on activities |  | $\square$ |  |  |
| h. Take a science test or quiz |  | $\square$ | $\square$ |  |
| i. Use library resources for science |  |  | $\square$ |  |
| j. Use computers for science | $\square$ | $\square$ | $\square$ |  |
| k. Use the Internet for science | $\square$ | $\square$ | $\square$ | $\square$ |
| I. Generate and test hypotheses about particular phenomena |  | $\square$ | $\square$ |  |

## SECTION C. CLASSROOM AND STUDENT CHARACTERISTICS

Please answer the following questions about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

C1. As of today's date, how many children...

WRITE NUMBER IN BOX. IF THERE ARE NO CHILDREN IN A PARTICULAR CATEGORY, WRITE "O."
Number of
children
a. Are currently enrolled in this class?

b. Are boys?

c. Are girls?


C2. What grade levels are included in this class? MARK ALL THAT APPLY.


C3. How many of the children in this class are repeating this grade this year? WRITE NUMBER IN BOX. IF NONE, WRITE "O."
$\square$ Number of children repeating this grade

C4. How many children in this class ...
WRITE NUMBER IN BOX. IF NONE, WRITE "O."

|  | Number of children |
| :---: | :---: |
| a. Are classified as Gifted and Talented? |  |
| b. Are participating in a Gifted and Talented program? |  |

C5. How many children in this class are absent on an average day? WRITE NUMBER IN BOX. IF NONE, WRITE "O."
$\square$ Number of children absent, on an average day

C6. How many children in this class are below grade level, about on grade level, or above grade level in each of the following subjects?
WRITE NUMBER IN BOX. IF NONE, WRITE "O."


C7. At this point in the school year, how would you rate the behavior of the children in this class? MARK ONE RESPONSE.
$\square$ Group misbehaves very frequently and is almost always difficult to handle.
Group misbehaves frequently and is often difficult to handle.
Group misbehaves occasionally.
Group behaves well.Group behaves exceptionally well.

C8. Approximately what percentage of the students in this classroom demonstrates the following problems? MARK ONE RESPONSE ON EACH ROW.


Source: Abry, T., Swanson, J., and Fabes, R. A. (2012). The Classroom Environment Student Difficulties Scale. Arizona State University, Unpublished measure. Adapted with permission.

C9. How many children in this class have a diagnosed disability? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of children

C10. Do you have any children who are English language learners in this class? (English language learners are children whose native language is one other than English and whose skills in listening, speaking, reading, or writing English are such that they have difficulty understanding school instruction in English.) MARK ONE RESPONSE.


C11. How many English language learners (ELLs) do you have in this class? WRITE NUMBER IN BOX. IF NONE, WRITE "0."
$\square$ Number of ELL children

SECTION D. CLASSROOM INSTRUCTION
Please continue to think about the specific science class in which the child identified on the cover of this questionnaire receives instruction from you.

D1. In a typical day, how much time do children in this class spend in the following activities? MARK ONE RESPONSE ON EACH ROW. DO NOT INCLUDE LUNCH OR RECESS BREAKS.

|  | No <br> time | Half <br> hour or <br> less | About <br> one <br> hour | About <br> two <br> hours | About <br> three <br> hours | Four <br> hours or <br> more |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| a. Working independently | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Working on individual tasks under |  |  |  |  |  |  |
| teacher direction | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| c.Working with peers under teacher <br> direction | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| d.Working in small groups with <br> teacher | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| e.Teacher lecture with large group <br> and/or large group discussion led <br> by teacher | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

D2. Do any of the following staff members provide direct instruction to students in this class who are struggling or at risk of failure in science? INCLUDE STAFF OTHER THAN YOURSELF WHO PROVIDE DIRECT INSTRUCTION EITHER IN THIS CLASS OR IN A PULL-OUT SETTING. EXCLUDE PARAPROFESSIONALS/AIDES. MARK YES OR NO ON EACH ROW.

|  | Yes | No |
| :--- | :--- | :--- | :--- |
| a. A SCIENCE specialist/interventionist who has specialized | $\square$ | $\square$ |
| training in science instruction | $\square$ | $\square$ |
| b. A special education teacher | $\square$ | $\square$ |

D3. In this class, how frequently do you or your students use computers or the following electronic devices for science instructional purposes? Please include any desktop, laptop, or other computer-type devices. MARK ONE RESPONSE ON EACH ROW.

|  | Not available | Never | Rarely | Sometimes | Often |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a. Computer (desktop, laptop or other computer-type device such as a tablet) |  |  | $\square$ | $\square$ |  |
| b. LCD or DLP projector | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| c. Interactive whiteboard (for example, SMART Board, Activboard) |  |  | $\square$ |  |  |
| d. Digital camera (still or video) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| e. CD player or MP3 player/iPod | $\square$ | $\square$ | $\square$ | $\square$ |  |
| f. DVD player or VCR | $\square$ | $\square$ | $\square$ |  | $\square$ |
| g. TV | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| h. Other electronic devices (PLEASE SPECIFY) | $\square$ | $\square$ | $\square$ | $\square$ |  |

D4. In an average week, how many days a week is science homework assigned in this class? Please count homework assigned over the weekend as one day. MARK ONE RESPONSE.

```
\square0 days (SKIP TO Q E1)
\square
\square2 days
\square days
4 days
 days
```

D5. On days when homework is assigned, how much time do you expect children in this class to spend on homework in the following areas? MARK ONE RESPONSE ON EACH ROW.

|  | I do not <br> teach this <br> subject | I never <br> assign <br> homework | $\mathbf{1}$ to $\mathbf{1 0}$ <br> minutes | $\mathbf{1 1}$ to $\mathbf{2 0}$ <br> minutes | More <br> 21 to $\mathbf{3 0}$ <br> minutes |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| than $\mathbf{3 0}$ |  |  |  |  |  |
| minutes |  |  |  |  |  |

## SECTION E. EVALUATION AND GRADING PRACTICES

Please continue to think about the specific class in which the child identified on the cover of this questionnaire receives instruction from you.

E1. In this class, how often do you use a formal assessment in SCIENCE for the following purposes? MARK ONE RESPONSE ON EACH ROW.

|  | Never | Once a year | 2 times a year | $\begin{gathered} 3 \text { to } 4 \\ \text { times a } \\ \text { year } \end{gathered}$ | $\begin{gathered} 5 \text { to } 8 \\ \text { times a } \\ \text { year } \end{gathered}$ | 1 to 2 times a month | 1 to 2 times a week |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| a. To evaluate how well each student is responding to the core curriculum provided in the general education classroom |  |  | $\square$ | $\square$ | $\square$ |  | $\square$ |
| b. To monitor each student's progress on specific skills over the school year |  |  |  |  |  |  | \| |
| c. To identify the deficits in specific skills of struggling students |  |  |  |  |  |  |  |
| d. To monitor the progress of students who fall below benchmark levels |  | $\square$ |  |  | $\square$ |  |  |
| e. To determine whether students need placement in a more or less intensive level of instruction | $\square$ |  | $\square$ |  |  |  | $\square$ |

E2. For each of the following statements about SCIENCE indicate how strongly you agree or disagree. MARK ONE RESPONSE ON EACH ROW.


E3. Date Questionnaire Completed:


MONTH


DAY


YEAR
For Office Use Only
Comp $\square$
Ref $\quad \square$

## SUPPLEMENTAL QUESTIONS FOR MATH TEACHERS

## Communication with Parents

1. During this school year, has your school used the following ways to communicate with parents? MARK ONE RESPONSE ON EACH ROW.

|  | At least <br> once a <br> week | Once a <br> week | Several <br> times a <br> month | Once a <br> month | Less <br> than <br> once a <br> month <br> or never |
| :--- | :---: | :---: | :---: | :---: | :---: |
| a. Electronic communication to all parents, <br> such as group emails, electronic newsletters, <br> or other notices sent to all parents | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

2. During this school year, has your school used an online tool or website for parents to log in to, to get information from the school? MARK ONE RESPONSE.
$\square$ No (SKIP TO QUESTION 4)
3. Has the information provided in the online tool or website included any of the following types of information? MARK ONE RESPONSE ON EACH ROW.

|  |  |  |
| :--- | :---: | :---: |
| a. School policies or practices | $\square$ | $\square$ |
| b. School events | $\square$ | $\square$ |
| c. Classroom-specific assignments, including homework | $\square$ | $\square$ |
| d. Child- or parent-specific information, such as progress reports <br> between grading periods (with family privacy protected) | $\square$ | $\square$ |

4. Please indicate how often each of these items applies to the child identified on the cover of this questionnaire. MARK ONE RESPONSE ON EACH ROW.

|  | Doesn't apply <br> (seldom displays <br> this behavior) | Sometimes applies <br> (occasionally displays <br> this behavior) | Certainly applies <br> (often displays <br> this behavior) |
| :--- | :---: | :---: | :---: |
| a. Likes to come to <br> school | $\square$ | $\square$ | $\square$ |
| b. Dislikes school | $\square$ | $\square$ | $\square$ |
| c. Has fun at school | $\square$ | $\square$ | $\square$ |
| d. Likes being in school | $\square$ | $\square$ | $\square$ |
| e. Seems unhappy in <br> school | $\square$ | $\square$ | $\square$ |
| f. Enjoys most <br> classroom activities | $\square$ | $\square$ | $\square$ |
| g. Groans or complains <br> about suggested <br> activities | $\square$ | $\square$ | $\square$ |

Source: Teacher version of the School Liking and Avoidance Questionnaire (SLAQ; Adapted from Ladd \& Price, 1987; Ladd, 1990)
5. Please evaluate the performance of the child identified on the cover of this questionnaire in the following areas, using the categories below. MARK ONE RESPONSE ON EACH ROW.

|  | Very poor | Somewhat poor | Average | Good | Very good |
| :--- | :---: | :---: | :---: | :---: | :---: |
| a. Understands <br> others' feelings | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| b. Accurately <br> interprets what a <br> peer is trying to <br> do | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| c. Generates <br> good quality <br> solutions to <br> interpersonal <br> solutions | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| d. Is aware of the <br> effects of his/her <br> behavior on <br> others | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Source: Pierce, K. M., Hamm, J. V., \& Vandell, D. L. (1999). Experiences in after-school programs and children's adjustment in first-grade classrooms. Child Development, 70, 756-767.

## SUPPLEMENTAL QUESTIONS FOR SCIENCE TEACHERS

## Communication with Parents

1. During this school year, has your school used the following ways to communicate with parents? MARK ONE RESPONSE ON EACH ROW.

|  | At least <br> once a <br> week | Once a <br> week | Several <br> times a <br> month | Once a <br> month | Less <br> than <br> once a <br> month <br> or never |
| :--- | :---: | :---: | :---: | :---: | :---: |
| a. Electronic communication to all parents, <br> such as group emails, electronic newsletters, <br> or other notices sent to all parents | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

2. During this school year, has your school used an online tool or website for parents to log in to, to get information from the school? MARK ONE RESPONSE.
$\square$ No (SKIP TO QUESTION 4)
3. Has the information provided in the online tool or website included any of the following types of information? MARK ONE RESPONSE ON EACH ROW.

|  |  |  |
| :--- | :---: | :---: |
| a. School policies or practices | $\square$ | $\square$ |
| b. School events | $\square$ | $\square$ |
| c. Classroom-specific assignments, including homework | $\square$ | $\square$ |
| d. Child- or parent-specific information, such as progress reports <br> between grading periods (with family privacy protected) | $\square$ | $\square$ |

4. Please indicate how often each of these items applies to the child identified on the cover of this questionnaire. MARK ONE RESPONSE ON EACH ROW.

|  | Doesn't apply <br> (seldom displays <br> this behavior) | Sometimes applies <br> (occasionally displays <br> this behavior) | Certainly applies <br> (often displays <br> this behavior) |
| :--- | :---: | :---: | :---: |
| a. Likes to come to <br> school | $\square$ | $\square$ | $\square$ |
| b. Dislikes school | $\square$ | $\square$ | $\square$ |
| c. Has fun at school | $\square$ | $\square$ | $\square$ |
| d. Likes being in school | $\square$ | $\square$ | $\square$ |
| e. Seems unhappy in <br> school | $\square$ | $\square$ | $\square$ |
| f. Enjoys most <br> classroom activities | $\square$ | $\square$ | $\square$ |
| g. Groans or complains <br> about suggested <br> activities | $\square$ | $\square$ | $\square$ |

Source: Teacher version of the School Liking and Avoidance Questionnaire (SLAQ; Adapted from Ladd \& Price, 1987; Ladd, 1990)
5. For the items below, please think about the friends with whom the child identified on the cover of this questionnaire has associated the most during the past month or two. Please indicate how often you think each of these items applies to this group of children. MARK ONE RESPONSE ON EACH ROW.

|  | Almost always untrue | Usually untrue | Sometimes true, sometimes untrue | Usually true | Almost always true |
| :---: | :---: | :---: | :---: | :---: | :---: |
| a. This is a good group of kids |  |  |  | $\square$ | $\square$ |
| b. I worry when this child is with this group of kids |  |  |  |  |  |
| c. Some of these kids are a bad influence on this child |  |  |  |  |  |
| d. These kids must be closely supervised by an adult |  |  |  |  |  |
| e. These kids are often in trouble |  | $\square$ | $\square$ | $\square$ | $\square$ |
| f. These kids are excellent students |  |  |  |  |  |
| g. These kids are hard workers |  |  |  |  |  |
| h. This child has a fun time with this group of children |  |  |  |  |  |
| i. Most of these kids are kind to other children |  |  |  |  |  |

Source: Vandell, Deborah Lowe (2001). Relationships With Peers: Part D (Teacher). Unpublished scale, NICHD Study of Early Child Care and Youth Development, Form FLV18G3.


[^0]:    ${ }^{1}$ National Clearinghouse for English Language Acquisition. (n.d.). Types of language instruction educational programs (LIEPs). Retrieved [January 6, 2012] from http://www.ncela.gwu.edu/files/uploads/5/Language Instruction Educational Programs.pdf.

[^1]:    Source: Adapted from the Temperament in Middle Childhood Questionnaire. © 2004 Jennifer Simonds and Mary K. Rothbart, University of Oregon. Used with permission.

[^2]:    Source: Adapted from the Child Behavior Scale © Gary W. Ladd. Used with permission.

