

***THE NATIONAL ASSESSMENT OF  
EDUCATIONAL PROGRESS***

**Wave 2 Submittal for 2011**

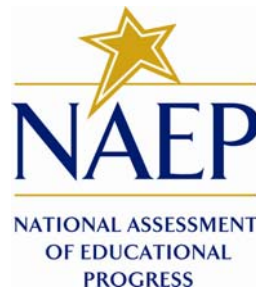
**VOLUME II**

**Part 1c**

***BACKGROUND QUESTIONS***

***FOR 2011 ASSESSMENT***

**Teacher Grade 4 KaSA Questions  
for Puerto Rico**



*Part 1c contains:*

Teacher Grade 4 KaSA Questions for Puerto Rico

*The amount of time estimated to complete this form is 20 minutes.*

*June 2, 2010*

# TEACHER QUESTIONNAIRES

## OMB Information on Teacher Questionnaire Cover Page

### **Paperwork Burden Statement**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0790**. The time required to complete this information collection is estimated to average 20 minutes including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, 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 submission of this form, write directly to:** NAEP/NCES, U.S. Department of Education, 1990 K Street N.W., Washington, D.C. 20006-5651.

### **A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.**

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every NCES employee as well as every agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of up to \$250,000, or both, if he or she willfully discloses ANY identifiable information about you.

OMB No. 1850-0790 Approval Expires 04/30/2013

# Teacher Questionnaire – Grade 4

## Part I: Background, Education, and Training

For some questions on this survey, you are asked to fill in numbers. For these questions, please print the appropriate number in each of the boxes provided. Please print legibly with a No. 2 pencil. Keep all printing within the boxes, and erase any stray marks.

Using one number per box, fill in every box. For example, 95 students would be written as:

0 9 5

1. Are you Hispanic or Latino? Fill in **one or more ovals**.

VB331330

- A No, I am not Hispanic or Latino.
- B Yes, I am Mexican, Mexican American, or Chicano.
- C Yes, I am Puerto Rican or Puerto Rican American.
- D Yes, I am Cuban or Cuban American.
- E Yes, I am from some other Hispanic or Latino background.

2. Which of the following best describes you? Fill in **one or more ovals**.

VB331331

- A White
- B Black or African American
- C Asian
- D American Indian or Alaska Native
- E Native Hawaiian or other Pacific Islander

VB333653

3. Counting this year, how many years have you worked as an elementary or secondary teacher? Include any full-time teaching assignments, part-time teaching assignments, and long-term substitute assignments, but not student teaching. If less than 4 months total experience, enter "00."

Years

VB333654

4. What type of teaching certificate do you hold in the state where you currently teach?
- Ⓐ Regular or standard state certificate or advanced professional certificate → *Skip to Question 6*
  - Ⓑ Probationary certificate (the initial certificate issued after satisfying all requirements except the completion of a probationary period) → *Go to Question 5*
  - Ⓒ Provisional or other type of certificate given to persons who are still participating in what the state calls an "alternative certification program" → *Go to Question 5*
  - Ⓓ Temporary certificate (requires some additional college coursework and/or student teaching before regular certification can be obtained) → *Go to Question 5*
  - Ⓔ Emergency certificate or waiver (issued to persons with insufficient teacher preparation who must complete a regular certification program in order to continue teaching) → *Go to Question 5*
  - Ⓕ No certificate → *Go to Question 5*

5. Do you hold a currently valid regular or standard certification from a state other than the one in which you are currently teaching?

- Ⓐ Yes
- Ⓑ No

6. What is the highest academic degree you hold?

- Ⓐ High school diploma
- Ⓑ Associate's degree/vocational certification
- Ⓒ Bachelor's degree
- Ⓓ Master's degree
- Ⓔ Education specialist's or professional diploma based on at least one year's work past master's degree
- Ⓕ Doctorate
- Ⓖ Professional degree (e.g., M.D., LL.B., J.D., D.D.S.)

7. Did you have a major, minor, or special emphasis in any of the following subjects as part of your **undergraduate** coursework? Fill in **one** oval on each line.

	Yes, a major	Yes, a minor or special emphasis	No	
a. Mathematics education	Ⓐ	Ⓑ	Ⓒ	VB482657
b. Mathematics	Ⓐ	Ⓑ	Ⓒ	VB482658
c. Other mathematics-related subject such as statistics	Ⓐ	Ⓑ	Ⓒ	VB608497
d. Reading, language arts, or literacy education	Ⓐ	Ⓑ	Ⓒ	VB378391
e. English	Ⓐ	Ⓑ	Ⓒ	VB378392
f. Other language arts-related subject	Ⓐ	Ⓑ	Ⓒ	VB378394
g. Education (including elementary or early childhood)	Ⓐ	Ⓑ	Ⓒ	VB482660



8. Did you have a major, minor, or special emphasis in any of the following subjects as **part** of your **graduate** coursework? Fill in **one** oval on each line.

	Yes, a major	Yes, a minor or special emphasis	No	
a. Mathematics education	Ⓐ	Ⓑ	Ⓒ	VB473837
b. Mathematics	Ⓐ	Ⓑ	Ⓒ	VB473838
c. Other mathematics-related subject such as statistics	Ⓐ	Ⓑ	Ⓒ	VB473839
d. Reading, language arts, or literacy education	Ⓐ	Ⓑ	Ⓒ	VB378395
e. English	Ⓐ	Ⓑ	Ⓒ	VB378396
f. Other language arts-related subject	Ⓐ	Ⓑ	Ⓒ	VB378398
g. Education (including elementary or early childhood)	Ⓐ	Ⓑ	Ⓒ	VB473840

VB543426

9. As part of either your undergraduate or graduate coursework, how many **advanced mathematics** courses (such as trigonometry, calculus, or statistics) did you take?

- Ⓐ None
- Ⓑ 1 or 2 courses
- Ⓒ 3 or 4 courses
- Ⓓ 5 or more courses

VB543427

10. As part of either your undergraduate or graduate coursework, how many **mathematics education** courses did you take?

- Ⓐ None
- Ⓑ 1 or 2 courses
- Ⓒ 3 or 4 courses
- Ⓓ 5 or more courses





11. Consider all of the professional development activities you participated in during the last **two years**. To what extent did you learn about each of the following topics? Fill in **one** oval on each line.

	Not at all	Small extent	Moderate extent	Large extent	
a. How students learn mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543502
b. Mathematics theory or applications	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543503
c. Content standards in mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543504
d. Curricular materials available in mathematics (units, texts)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543505
e. Instructional methods for teaching mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543506
f. Effective use of manipulatives in mathematics instruction	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB519181
g. Effective use of calculators in mathematics instruction	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543507
h. Use of computers or other technology in mathematics instruction	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543508
i. Methods for assessing students in mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543509
j. Preparation of students for district and state assessments	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543510
k. Issues related to ability grouping in mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543511
l. Strategies for teaching mathematics to students from diverse backgrounds (including English language learners)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VB543512

12. During the last **two years**, did you participate in or lead any of the following professional development activities **related to the teaching of language arts or mathematics**? Language arts refers to reading, writing, literature, and related topics. Fill in **one or more** ovals on each line.

	Yes, related to language arts	Yes, related to mathematics	No	
a. College course taken after your first certification	(A)	(B)	(C)	VB473843
b. Workshop or training session	(A)	(B)	(C)	VB473844
c. Conference or professional association meeting	(A)	(B)	(C)	VB473845
d. Observational visit to another school	(A)	(B)	(C)	VB473846
e. Mentoring and/or peer observation and coaching as part of a formal arrangement	(A)	(B)	(C)	VB473847
f. Committee or task force focusing on curriculum, instruction, or student assessment	(A)	(B)	(C)	VB473848
g. Regularly scheduled discussion or study group	(A)	(B)	(C)	VB473849
h. Teacher collaborative or network (such as one organized by an outside agency or over the Internet)	(A)	(B)	(C)	VB473850
i. Individual or collaborative research	(A)	(B)	(C)	VB473851
j. Independent reading on a regular basis (for example, educational journals, books, or the Internet)	(A)	(B)	(C)	VB473852
k. Co-teaching/team teaching	(A)	(B)	(C)	VB473853
l. Consultation with a subject specialist	(A)	(B)	(C)	VB473854

13. Do you have special leadership responsibilities for the following subjects at your school (for example, responsibilities as a mentor teacher, lead teacher, resource specialist, departmental chair, or master teacher)?

VB556174

**Yes** **No**

a. Reading/language arts

A

B

VB556175

b. Mathematics

A

B

VB556176

14. Some states and districts have recently initiated school improvement efforts directed at issues such as adequate yearly progress and state accountability standards. During the last two years have you participated in such activities?

VC110270

**Yes** **No**

a. Within your school

A

B

VC110296

b. As part of a team outside your school

A

B

VC110314

## Part II: Mathematics: Classroom Organization and Instruction – Grade 4

The following questions ask about the organization of your classroom. If you teach more than one fourth-grade class, please pick a single one of these classes to use as the basis for answering the questions about classroom organization.

- VB543515
1. How many hours of mathematics instruction do your students receive in a typical week?
- Ⓐ Less than 3 hours
  - Ⓑ At least 3 hours, but less than 5 hours
  - Ⓒ At least 5 hours, but less than 7 hours
  - Ⓓ 7 or more hours
- VB543514
2. Which best describes your role in teaching mathematics?
- Ⓐ I teach multiple subjects, including mathematics.
  - Ⓑ The only subject I teach is mathematics.
- VB543516
3. Are computers available for use by you or your students?
- Ⓐ Yes, computers are available to my students and to me.
  - Ⓑ Yes, I have access to computers, but my students do not.
  - Ⓒ No, neither my students nor I have access to computers at school.

4. Are students assigned to this class by ability?

- A Yes
- B No

5. If students are assigned by ability, what is the mathematics ability level of the students in this class?

- A Students are not assigned by ability.
- B Primarily high ability
- C Primarily average ability
- D Primarily low ability
- E Widely mixed ability

6. Do you create groups within this class for mathematics instruction on the basis of ability?

- A Yes
- B No

**Questions 7 and 8.** These questions refer to your mathematics instruction in general. If you teach more than one fourth-grade mathematics class, please pick a single one of these classes to use as the basis for answering these questions.

HE001130

7. How often do you use each of the following to assess student progress in mathematics?  
Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a year	Once or twice a month	Once or twice a week	
a. Multiple-choice tests	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	HE001131
b. Problem sets	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	HE001132
c. Short (e.g., a phrase or sentence) or long (e.g., several sentences or paragraphs) written responses	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	HE001133
d. Individual or group projects or presentations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	HE001134

HE001106

8. Approximately how much mathematics homework do you assign to students in this class each day?

- A None
- B 15 minutes
- C 30 minutes
- D 45 minutes
- E One hour
- F More than one hour



9. To what extent are students permitted to use calculators during mathematics lessons?

- Ⓐ Unrestricted use
- Ⓑ Restricted use
- Ⓒ Calculators are not permitted

10. When you give students a mathematics test or quiz, how often do they use a calculator?

- Ⓐ Never
- Ⓑ Sometimes
- Ⓒ Always

11. Think about your plans for this mathematics class for the entire year. How much emphasis did you or will you give each of the following? Fill in **one** oval on each line.

	Little or no emphasis	Moderate emphasis	Heavy emphasis	
a. Numbers and operations	Ⓐ	Ⓑ	Ⓒ	ID110366
b. Measurement	Ⓐ	Ⓑ	Ⓒ	ID110367
c. Geometry	Ⓐ	Ⓑ	Ⓒ	ID110368
d. Data analysis, statistics, and probability (informal introduction of concepts)	Ⓐ	Ⓑ	Ⓒ	ID110369
e. Algebra and functions (informal introduction of concepts)	Ⓐ	Ⓑ	Ⓒ	ID110370

VC205666

12. Think about your **most advanced** mathematics students. Do these students receive mathematics instruction that differs in any of the following ways from the instruction provided to your **average** mathematics students? Fill in **one** oval on each line.

Yes No

a. I set different achievement standards for these students.  (A)  (B) VC205675

b. I supplement the regular course curriculum with additional material for these students.  (A)  (B) VC205677

c. I have these students engage in different classroom activities.  (A)  (B) VC205678

d. I use a different set of methods in teaching these students.  (A)  (B) VC205679

e. I pace my teaching differently for these students.  (A)  (B) VC205681

VC205682

13. Think about your **least advanced** mathematics students. Do these students receive mathematics instruction that differs in any of the following ways from the instruction provided to your **average** mathematics students? Fill in **one** oval on each line.

Yes No

a. I set different achievement standards for these students.  (A)  (B) VC205685

b. I reduce the regular course curriculum and provide additional practice in the topics covered with these students.  (A)  (B) VC205686

c. I have these students engage in different classroom activities.  (A)  (B) VC205687

d. I use a different set of methods in teaching these students.  (A)  (B) VC205688

e. I pace my teaching differently for these students.  (A)  (B) VC205689

