

Teacher Background Questionnaire

2000 Mathematics/Science Grade 4

TEACHER QUESTIONNAIRE

Grade 4 – Mathematics and Science

During the next few weeks, some of your fourth-grade students will be assessed in mathematics and science as part of the 2000 National Assessment of Educational Progress (NAEP). In addition to surveying students' achievement in these subjects, NAEP collects information from teachers about their instructional practices in order to investigate the relationship between achievement and instruction.

You have been identified as the person who teaches mathematics and/or science to one or more students in the assessment. In this questionnaire, you will be asked about your background and about the classes where mathematics and/or science are taught to these students.

Only you can provide information about the instruction these students receive, and your answers are very important. Although you are very busy, we urge you to complete this questionnaire as accurately as possible.

The information you provide is being collected for research purposes only and will be kept strictly confidential. NAEP is authorized under Public Law 103-382. While your participation is voluntary, your responses to these questions are needed to make the survey accurate and complete.

Instructions

This questionnaire contains five parts.

- Part I – Background, Education, and Resources
- Part IIA – Mathematics Preparation
- Part IIB – Mathematics Instructional Information
- Part IIIA – Science Preparation
- Part IIIB – Science Instructional Information

You need to complete only the parts indicated on the front cover. For Parts IIB and IIIB, answer questions about only the class periods indicated on the front cover. Please record your answers directly in this questionnaire by filling in the appropriate ovals.

Because more than one of your classes may contain students who have been selected for the assessment, some of the questions in Parts IIB and IIIB provide space for you to supply information for up to five different classes in each subject.

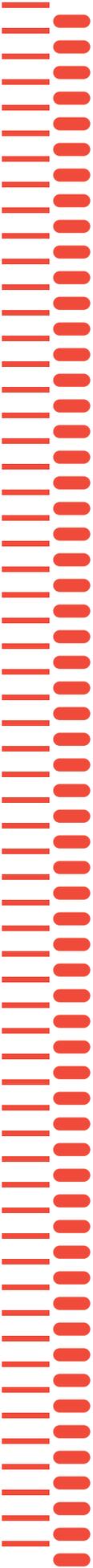
If you teach one class of students all day, this should be called class period "1" on the front cover and throughout this questionnaire.

If your class schedule changes from day to day, the class periods identified refer to your Monday schedule.

When you are finished, please return the questionnaire to your school's NAEP coordinator.

THANK YOU VERY MUCH.





Part I: Background, Education, and Resources

There are 13 questions in this section.

HE001004

1. What is your gender?

- Ⓐ Male
- Ⓑ Female

LD001610

1a. Which best describes you?

- Ⓐ White (not Hispanic)
- Ⓑ Black (not Hispanic)
- Ⓒ Hispanic (“Hispanic” means someone who is from a Mexican, Mexican American, Chicano, Puerto Rican, Cuban, or other Spanish or Hispanic background.)
- Ⓓ Asian or Pacific Islander (“Asian or Pacific Islander” means someone who is from a Chinese, Japanese, Korean, Filipino, Vietnamese, or other Asian or Pacific Island background.)
- Ⓔ American Indian or Alaskan Native (“American Indian or Alaskan Native” means someone who is from one of the American Indian tribes, or one of the original people of Alaska.)
- Ⓕ Other (specify) _____

HE001007

2. Counting this year, how many years in total (include part-time teaching) have you taught at either the elementary or secondary level?

- Ⓐ 2 years or less
- Ⓑ 3-5 years
- Ⓒ 6-10 years
- Ⓓ 11-24 years
- Ⓔ 25 years or more

LD001514

3. Counting this year, how many years in total have you taught the following subjects?
(Include any full-time or part-time assignments, but not substitute assignments.)

	2 Years or Less	3-5 Years	6-10 Years	11-24 Years	25 Years or More
a. Mathematics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
b. Science	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E

LD001500

LD001501

HE002551

4. What type of teaching certificate do you have in this state in your main assignment field?

- A Advanced professional certificate
- B Regular or standard state certificate (standard certificate offered in state)
- C Probationary state certificate (the initial certificate issued after satisfying all requirements except completion of a probationary period)
- D Temporary, provisional, or emergency state certificate
- E Certification by an accreditation body other than the state
- F I don't have a certificate in my main assignment field.

HE001009

5. Do you have teaching certification in any of the following areas that is recognized by the state in which you teach? Fill in **one** oval on each line.

	Yes	No	Not Offered in My State
a. Elementary or middle/junior high school education (general)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C
b. Elementary mathematics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C
c. Middle/junior high school or secondary mathematics	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C
d. Elementary science	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C
e. Middle/junior high school or secondary science	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C
f. Other	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C

HE001010

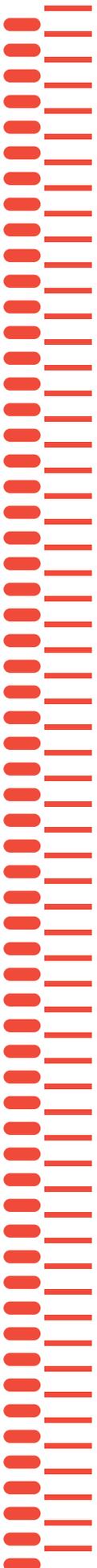
HE002552

HE001082

HE002553

HE002554

HE002555





HE001012

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.)

HE001013

7. What were your undergraduate major fields of study? Fill in **all** ovals that apply.

- | | | |
|-------------------------------|---|----------|
| a. Education | Ⓐ | HE002556 |
| b. Elementary education | Ⓐ | HE002557 |
| c. Secondary education | Ⓐ | HE002558 |
| d. Mathematics | Ⓐ | HE002559 |
| e. Mathematics education | Ⓐ | HE002560 |
| f. Science education | Ⓐ | HE002561 |
| g. Life science | Ⓐ | HE002562 |
| h. Physical science | Ⓐ | HE002563 |
| i. Earth science | Ⓐ | HE002564 |
| j. Special education | Ⓐ | HE002565 |
| k. Bilingual education or ESL | Ⓐ | HE002566 |
| l. Other | Ⓐ | HE002567 |

8. What were your graduate major fields of study? Fill in **all** ovals that apply.

- a. Education
- b. Elementary education
- c. Secondary education
- d. Mathematics
- e. Mathematics education
- f. Science education
- g. Life science
- h. Physical science
- i. Earth science
- j. Special education
- k. Bilingual education
- l. Administration and supervision
- m. Curriculum and instruction
- n. Counseling
- o. Other
- p. No graduate-level study

HE001014

HE002568

HE002569

HE002570

HE002571

HE002572

HE002573

HE002574

HE002575

HE002576

HE002577

HE002578

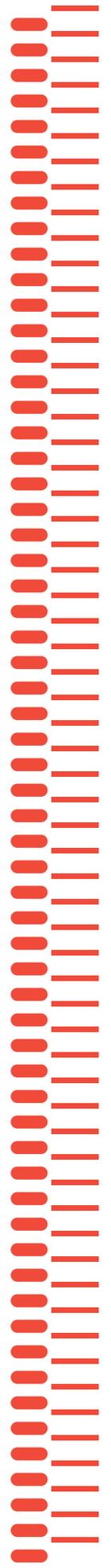
HE002579

HE002580

LD001506

HE002581

HE002582





9. What were your undergraduate and graduate minor fields of study?
Fill in **all** ovals that apply.
- | | | |
|-----------------------------------|-----------------------|----------|
| a. Education | <input type="radio"/> | HE002583 |
| b. Elementary education | <input type="radio"/> | HE002584 |
| c. Secondary education | <input type="radio"/> | HE002585 |
| d. Mathematics | <input type="radio"/> | HE002586 |
| e. Mathematics education | <input type="radio"/> | HE002587 |
| f. Science education | <input type="radio"/> | HE002588 |
| g. Life science | <input type="radio"/> | HE002589 |
| h. Physical science | <input type="radio"/> | HE002590 |
| i. Earth science | <input type="radio"/> | HE002591 |
| j. Special education | <input type="radio"/> | HE002592 |
| k. Bilingual education | <input type="radio"/> | HE002593 |
| l. Administration and supervision | <input type="radio"/> | HE002594 |
| m. Curriculum and instruction | <input type="radio"/> | HE002595 |
| n. Counseling | <input type="radio"/> | HE002596 |
| o. Other | <input type="radio"/> | LD001509 |
| p. No minor field of study | <input type="radio"/> | HE002597 |
| | | HE002598 |

HE001022

10. Which of the following statements is true about how well your school system provides you with the instructional materials and other resources you need to teach your class?

- Ⓐ I get all the resources I need.
- Ⓑ I get most of the resources I need.
- Ⓒ I get some of the resources I need.
- Ⓓ I don't get any of the resources I need.

HE001158

11. Is there a curriculum specialist available to help or advise you in each of the following areas? Fill in **one** oval on each line.

- | | Yes | No | |
|----------------|-------------------------|-------------------------|----------|
| a. Mathematics | <input type="radio"/> Ⓐ | <input type="radio"/> Ⓑ | LD001512 |
| b. Science | <input type="radio"/> Ⓐ | <input type="radio"/> Ⓑ | LD001513 |

ID110328

12. During the past 12 months, how often have you used the services of a curriculum specialist to help/advise you in the following areas? Fill in **one** oval on each line.

- | | There is no
curriculum
specialist available. | Often | Occasionally | Never | |
|----------------|---|-------------------------|-------------------------|-------------------------|----------|
| a. Mathematics | <input type="radio"/> Ⓐ | <input type="radio"/> Ⓑ | <input type="radio"/> Ⓒ | <input type="radio"/> Ⓓ | ID110329 |
| b. Science | <input type="radio"/> Ⓐ | <input type="radio"/> Ⓑ | <input type="radio"/> Ⓒ | <input type="radio"/> Ⓓ | ID110330 |

HE001251

13. How many school hours do you have designated as preparation time per week?

- Ⓐ None
- Ⓑ Less than 1
- Ⓒ 1-2
- Ⓓ 3-4
- Ⓔ 5
- Ⓕ More than 5



Part II-A: Mathematics Preparation

There are 6 questions in this section.

WO001010

1. What level of exposure, if any, have you had to each of the following topics or areas? Fill in **all ovals that apply** on each line and **at least one oval** on each line.

	One or More College or University Courses	Part of a College or University Course	Professional Development Workshops or Seminars	Little or No Exposure	
a. Methods of teaching elementary mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003110
b. Number systems and numeration	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003111
c. Measurement in mathematics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003112
d. Geometry	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003113
e. Probability/statistics	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003114
f. College algebra	Ⓐ	Ⓑ	Ⓒ	Ⓓ	WO001011
g. Calculus	Ⓐ	Ⓑ	Ⓒ	Ⓓ	HE003116

WO001014

2. Have you ever studied any of the following, either in college or university courses or in professional development workshops or seminars? Fill in **one** oval on each line.

	Yes	No	
a. Estimation	Ⓐ	Ⓑ	HE003118
b. Problem solving in mathematics	Ⓐ	Ⓑ	HE003119
c. Use of manipulatives (e.g., counting blocks or geometric shapes) in mathematics instruction	Ⓐ	Ⓑ	HE003120
d. Use of calculators in mathematics instruction	Ⓐ	Ⓑ	HE003121
e. Understanding students' thinking about mathematics	Ⓐ	Ⓑ	HE003122
f. Gender issues in the teaching of mathematics	Ⓐ	Ⓑ	HE003123
g. Teaching students from different cultural backgrounds	Ⓐ	Ⓑ	HE003124

ID110336

3. How well prepared are you to teach each of the following topics? Fill in **one** oval on each line.

	Very Well Prepared	Moderately Well Prepared	Not Very Well Prepared	Not at All Prepared	
a. Number sense, properties, and operations	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110337
b. Measurement	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110338
c. Geometry and spatial sense	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110339
d. Data analysis, statistics, and probability (informal introduction of concepts)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110340
e. Algebra and functions (informal introduction of concepts)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110344
f. Estimation	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110341
g. Mathematical problem-solving	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110342

ID110343

4. How well prepared are you to use manipulatives (e.g., geometric shapes) in mathematics instruction?

- A Very well prepared
- B Moderately well prepared
- C Not very well prepared
- D Not at all prepared

WO001012

5. How knowledgeable are you about the National Council of Teachers of Mathematics (NCTM) *Curriculum and Evaluation Standards for School Mathematics*?

- A Very knowledgeable
- B Knowledgeable
- C Somewhat knowledgeable
- D I have little or no knowledge.





ID110345

6. How knowledgeable are you about the following standards for mathematics education?
Fill in **one** oval on each line.

	I am very knowledgeable	I am somewhat knowledgeable	I have little or no knowledge	No standards have been adopted	
a. Your state's mathematics standards	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110347
b. Your local district's mathematics standards	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	ID110348

Part II-B: Mathematics Instructional Information

There are 15 questions in this section.

Question 1 through 3. These questions refer to your mathematics instruction in general.

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

HE001130

	Once or Twice a Week	Once or Twice a Month	Once or Twice a Year	Never or Hardly Ever	
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

HE002401

2. Which best describes the availability of computers for use by students in your mathematics classes?

- A None available
- B One within the classroom
- C Two or three within the classroom
- D Four or more within the classroom
- E Available in a computer laboratory but difficult to access or schedule
- F Available in a computer laboratory and easy to access or schedule

HE002402

3. If you do use computers, what is the primary use of these computers for mathematics instruction?

- A Drill and practice
- B Demonstration of new topics in mathematics
- C Playing mathematical/learning games
- D Simulations and applications
- E I do not use computers for instruction.

Questions 4 through 14. Please answer these questions about each of the mathematics classes listed on the front cover. One column is provided for each class. However, if your responses to all of these questions are the same for more than one class, record your answers for these classes in one column and grid the class period numbers for which your responses apply at the top of the column. If you teach one class of students all day, this should be called class period “1” on the front cover and throughout this section.

Fill in **one** oval in each column for each question. Then complete **Question 15** as directed.

	COLUMN 1									COLUMN 2									
For which class period(s) do all of the following responses apply? →	①	②	③	④	⑤	⑥	⑦	⑧	⑨	①	②	③	④	⑤	⑥	⑦	⑧	⑨	
<p style="text-align: right; margin-right: 20px;">HE002412</p> <p>4. Are students assigned to this class by ability?</p> <p>A Yes</p> <p>B No</p>	4.									4.									
		Ⓐ									Ⓐ								
		Ⓑ									Ⓑ								
<p style="text-align: right; margin-right: 20px;">HE002380</p> <p>5. If students are assigned by ability, what is the mathematics ability level of the students in this class?</p> <p>A Students are not assigned by ability</p> <p>B Primarily high ability</p> <p>C Primarily average ability</p> <p>D Primarily low ability</p> <p>E Widely mixed ability</p>	5.									5.									
		Ⓐ									Ⓐ								
		Ⓑ									Ⓑ								
		Ⓒ									Ⓒ								
		Ⓓ									Ⓓ								
		Ⓔ									Ⓔ								
<p style="text-align: right; margin-right: 20px;">HE001104</p> <p>6. Do you create groups within this class for mathematics instruction on the basis of ability?</p> <p>A Yes</p> <p>B No</p>	6.									6.									
		Ⓐ									Ⓐ								
		Ⓑ									Ⓑ								



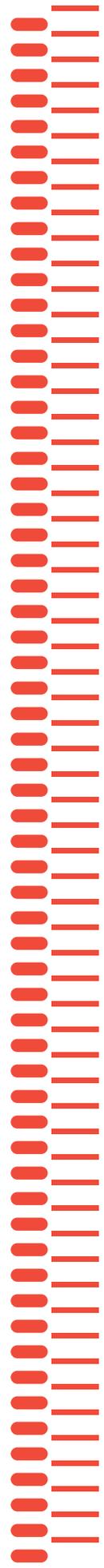


COLUMN 3										COLUMN 4										COLUMN 5									
①	②	③	④	⑤	⑥	⑦	⑧	⑨		①	②	③	④	⑤	⑥	⑦	⑧	⑨		①	②	③	④	⑤	⑥	⑦	⑧	⑨	
4.										4.										4.									
Ⓐ										Ⓐ										Ⓐ									
Ⓑ										Ⓑ										Ⓑ									
5.										5.										5.									
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Ⓒ										Ⓒ										Ⓒ									
Ⓓ										Ⓓ										Ⓓ									
Ⓔ										Ⓔ										Ⓔ									
6.										6.										6.									
Ⓐ										Ⓐ										Ⓐ									
Ⓑ										Ⓑ										Ⓑ									

COLUMN 1

COLUMN 2

	COLUMN 1	COLUMN 2
HE001105		
7. How much time do you spend each week on mathematics instruction with this class?	7.	7.
A 2 1/2 hours or less	(A)	(A)
B More than 2 1/2 hours but less than 4 hours	(B)	(B)
C 4 hours or more	(C)	(C)
HE001106		
8. Approximately how much mathematics homework do you assign to students in this class each day?	8.	8.
A None	(A)	(A)
B 15 minutes	(B)	(B)
C 30 minutes	(C)	(C)
D 45 minutes	(D)	(D)
E One hour	(E)	(E)
F More than one hour	(F)	(F)





COLUMN 3

COLUMN 4

COLUMN 5

7.

(A)

(B)

(C)

8.

(A)

(B)

(C)

(D)

(E)

(F)

7.

(A)

(B)

(C)

8.

(A)

(B)

(C)

(D)

(E)

(F)

7.

(A)

(B)

(C)

8.

(A)

(B)

(C)

(D)

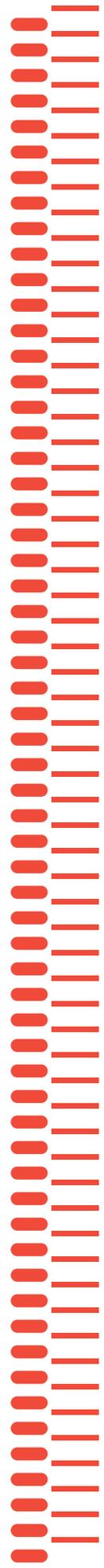
(E)

(F)

COLUMN 1

COLUMN 2

		Almost Every Day	Once or Twice a Week	Once or Twice a Month	Never or or Hardly Ever		Almost Every Day	Once or Twice a Week	Once or Twice a Month	Never or or Hardly Ever
HE001107	9. How often do the students in this class do each of the following? Fill in one oval on each line.					9.				
HE001108	a. Do mathematics problems from their textbooks	(A)	(B)	(C)	(D)	a.	(A)	(B)	(C)	(D)
HE001110	b. Solve mathematics problems in small groups or with a partner	(A)	(B)	(C)	(D)	b.	(A)	(B)	(C)	(D)
HE002397	c. Work with objects like rulers	(A)	(B)	(C)	(D)	c.	(A)	(B)	(C)	(D)
HE001112	d. Use a calculator	(A)	(B)	(D)	(D)	d.	(A)	(B)	(D)	(D)
HE002399	e. Take mathematics tests	(A)	(B)	(C)	(D)	e.	(A)	(B)	(C)	(D)
HE001114	f. Write a few sentences about how to solve a mathematics problem	(A)	(B)	(C)	(D)	f.	(A)	(B)	(C)	(D)
HE002400	g. Talk to the class about their mathematics work	(A)	(B)	(C)	(D)	g.	(A)	(B)	(C)	(D)
HE001115	h. Write reports or do mathematics projects	(A)	(B)	(C)	(D)	h.	(A)	(B)	(C)	(D)
HE001116	i. Discuss solutions to mathematics problems with other students	(A)	(B)	(C)	(D)	i.	(A)	(B)	(C)	(D)
HE001117	j. Work and discuss mathematics problems that reflect real-life situations	(A)	(B)	(C)	(D)	j.	(A)	(B)	(C)	(D)
HE001113	k. Use a computer	(A)	(B)	(C)	(D)	k.	(A)	(B)	(C)	(D)





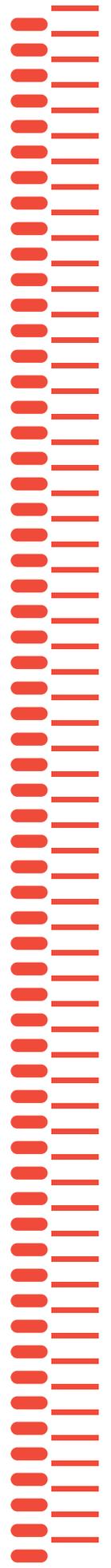
COLUMN 3

COLUMN 4

COLUMN 5

COLUMN 3					COLUMN 4					COLUMN 5				
9.					9.					9.				
Almost Every Day	Once or Twice a Week	Once or Twice a Month	Never or or Hardly Ever	Almost Every Day	Once or Twice a Week	Once or Twice a Month	Never or or Hardly Ever	Almost Every Day	Once or Twice a Week	Once or Twice a Month	Never or or Hardly Ever			
a.	(A)	(B)	(C)	(D)	a.	(A)	(B)	(C)	(D)	a.	(A)	(B)	(C)	(D)
b.	(A)	(B)	(C)	(D)	b.	(A)	(B)	(C)	(D)	b.	(A)	(B)	(C)	(D)
c.	(A)	(B)	(C)	(D)	c.	(A)	(B)	(C)	(D)	c.	(A)	(B)	(C)	(D)
d.	(A)	(B)	(D)	(D)	d.	(A)	(B)	(D)	(D)	d.	(A)	(B)	(D)	(D)
e.	(A)	(B)	(C)	(D)	e.	(A)	(B)	(C)	(D)	e.	(A)	(B)	(C)	(D)
f.	(A)	(B)	(C)	(D)	f.	(A)	(B)	(C)	(D)	f.	(A)	(B)	(C)	(D)
g.	(A)	(B)	(C)	(D)	g.	(A)	(B)	(C)	(D)	g.	(A)	(B)	(C)	(D)
h.	(A)	(B)	(C)	(D)	h.	(A)	(B)	(C)	(D)	h.	(A)	(B)	(C)	(D)
i.	(A)	(B)	(C)	(D)	i.	(A)	(B)	(C)	(D)	i.	(A)	(B)	(C)	(D)
j.	(A)	(B)	(C)	(D)	j.	(A)	(B)	(C)	(D)	j.	(A)	(B)	(C)	(D)
k.	(A)	(B)	(C)	(D)	k.	(A)	(B)	(C)	(D)	k.	(A)	(B)	(C)	(D)

	COLUMN 1			COLUMN 2		
<p>ID110365</p> <p>10. 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.</p> <p>TOPICS</p> <p>ID110366</p> <p>a. Numbers and operations</p> <p>ID110367</p> <p>b. Measurement</p> <p>ID110368</p> <p>c. Geometry</p> <p>ID110369</p> <p>d. Data analysis, statistics, and probability</p> <p>ID110370</p> <p>e. Algebra and functions</p> <p>SKILLS</p> <p>ID110371</p> <p>f. Learning mathematics facts and concepts</p> <p>ID110372</p> <p>g. Learning skills and procedures needed to solve routine problems</p> <p>ID110373</p> <p>h. Developing reasoning and analytical ability to solve unique problems</p> <p>ID110374</p> <p>i. Learning how to communicate ideas in mathematics effectively</p> <p>QK070720</p> <p>j. Developing an appreciation for the importance of mathematics</p>	<p>10.</p> <p>Heavy emphasis</p> <p>Moderate emphasis</p> <p>Little or no emphasis</p> <p>a. (A) (B) (C)</p> <p>b. (A) (B) (C)</p> <p>c. (A) (B) (C)</p> <p>d. (A) (B) (D)</p> <p>e. (A) (B) (C)</p> <p>f. (A) (B) (C)</p> <p>g. (A) (B) (C)</p> <p>h. (A) (B) (C)</p> <p>i. (A) (B) (C)</p> <p>j. (A) (B) (C)</p>	<p>10.</p> <p>Heavy emphasis</p> <p>Moderate emphasis</p> <p>Little or no emphasis</p> <p>a. (A) (B) (C)</p> <p>b. (A) (B) (C)</p> <p>c. (A) (B) (C)</p> <p>d. (A) (B) (D)</p> <p>e. (A) (B) (C)</p> <p>f. (A) (B) (C)</p> <p>g. (A) (B) (C)</p> <p>h. (A) (B) (C)</p> <p>i. (A) (B) (C)</p> <p>j. (A) (B) (C)</p>				





COLUMN 3

COLUMN 4

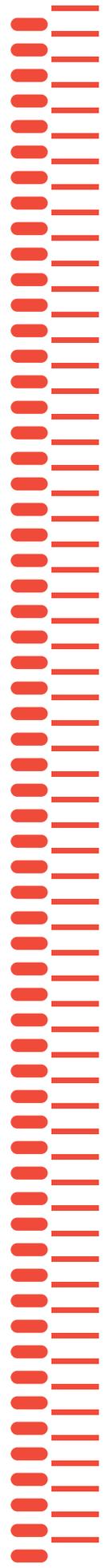
COLUMN 5

COLUMN 3			COLUMN 4			COLUMN 5		
Heavy emphasis	Moderate emphasis	Little or no emphasis	Heavy emphasis	Moderate emphasis	Little or no emphasis	Heavy emphasis	Moderate emphasis	Little or no emphasis
10.			10.			10.		
a. (A)	(B)	(C)	a. (A)	(B)	(C)	a. (A)	(B)	(C)
b. (A)	(B)	(C)	b. (A)	(B)	(C)	b. (A)	(B)	(C)
c. (A)	(B)	(C)	c. (A)	(B)	(C)	c. (A)	(B)	(C)
d. (A)	(B)	(C)	d. (A)	(B)	(C)	d. (A)	(B)	(C)
e. (A)	(B)	(C)	e. (A)	(B)	(C)	e. (A)	(B)	(C)
f. (A)	(B)	(C)	f. (A)	(B)	(C)	f. (A)	(B)	(C)
g. (A)	(B)	(C)	g. (A)	(B)	(C)	g. (A)	(B)	(C)
h. (A)	(B)	(C)	h. (A)	(B)	(C)	h. (A)	(B)	(C)
i. (A)	(B)	(C)	i. (A)	(B)	(C)	i. (A)	(B)	(C)
j. (A)	(B)	(C)	j. (A)	(B)	(C)	j. (A)	(B)	(C)

COLUMN 1

COLUMN 2

<p>HE001135</p> <p>11. Do you permit students in this class unrestricted use of calculators?</p> <p>A Yes</p> <p>B No</p>	<p>11.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>	<p>11.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>										
<p>HE001136</p> <p>12. Do you permit students in this class to use calculators for tests?</p> <p>A Yes</p> <p>B No</p>	<p>12.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>	<p>12.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>										
<p>HE001279</p> <p>13. Do you provide instruction to students in this class in the use of calculators?</p> <p>A Yes</p> <p>B No</p>	<p>13.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>	<p>13.</p> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p>										
<p>HE001144</p> <p>14. How well prepared do you feel to teach each of the following in this class? Fill in one oval on each line.</p>	<p>14.</p> <table border="0"> <tr> <td></td> <td>Very Well Prepared</td> <td>Moderately Well Prepared</td> <td>Not Very Well Prepared</td> <td>Not at All Prepared</td> </tr> </table>		Very Well Prepared	Moderately Well Prepared	Not Very Well Prepared	Not at All Prepared	<p>14.</p> <table border="0"> <tr> <td></td> <td>Very Well Prepared</td> <td>Moderately Well Prepared</td> <td>Not Very Well Prepared</td> <td>Not at All Prepared</td> </tr> </table>		Very Well Prepared	Moderately Well Prepared	Not Very Well Prepared	Not at All Prepared
	Very Well Prepared	Moderately Well Prepared	Not Very Well Prepared	Not at All Prepared								
	Very Well Prepared	Moderately Well Prepared	Not Very Well Prepared	Not at All Prepared								
<p>HE001145</p> <p>a. Computers</p>	<p>a.</p> <table border="0"> <tr> <td><input type="radio"/> A</td> <td><input type="radio"/> B</td> <td><input type="radio"/> C</td> <td><input type="radio"/> D</td> </tr> </table>	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<p>a.</p> <table border="0"> <tr> <td><input type="radio"/> A</td> <td><input type="radio"/> B</td> <td><input type="radio"/> C</td> <td><input type="radio"/> D</td> </tr> </table>	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D		
<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D									
<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D									
<p>HE001146</p> <p>b. Calculators</p>	<p>b.</p> <table border="0"> <tr> <td><input type="radio"/> A</td> <td><input type="radio"/> B</td> <td><input type="radio"/> C</td> <td><input type="radio"/> D</td> </tr> </table>	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<p>b.</p> <table border="0"> <tr> <td><input type="radio"/> A</td> <td><input type="radio"/> B</td> <td><input type="radio"/> C</td> <td><input type="radio"/> D</td> </tr> </table>	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D		
<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D									
<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D									





COLUMN 3

COLUMN 4

COLUMN 5

11.

(A)

(B)

12.

(A)

(B)

13.

(A)

(B)

14.

Very Well Prepared Moderately Well Prepared Not Very Well Prepared Not at All Prepared

a. (A) (B) (C) (D)

b. (A) (B) (C) (D)

11.

(A)

(B)

12.

(A)

(B)

13.

(A)

(B)

14.

Very Well Prepared Moderately Well Prepared Not Very Well Prepared Not at All Prepared

a. (A) (B) (C) (D)

b. (A) (B) (C) (D)

11.

(A)

(B)

12.

(A)

(B)

13.

(A)

(B)

14.

Very Well Prepared Moderately Well Prepared Not Very Well Prepared Not at All Prepared

a. (A) (B) (C) (D)

b. (A) (B) (C) (D)

15. For each of the mathematics class periods indicated on the front cover, please fill in the oval for the class period and, using the boxes provided, print the number of students in that class.

Please print legibly with a No. 2 pencil. Numbers should be written clearly in the center of the boxes and should not touch the sides. Using one number per box, fill in every box. For example, 9 students would be written as:

0 9

Class period	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	Number of students:	<input type="text"/>	<input type="text"/>
Class period	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	Number of students:	<input type="text"/>	<input type="text"/>
Class period	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	Number of students:	<input type="text"/>	<input type="text"/>
Class period	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	Number of students:	<input type="text"/>	<input type="text"/>
Class period	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨	Number of students:	<input type="text"/>	<input type="text"/>

