



Student Questionnaire

Main Survey

IEA Third International Mathematics and Science Study - Repeat

School ID #			Class ID #		Student ID #		Assessed Code
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Assessment Book ID #							
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U.S Department of Education
555 New Jersey Avenue, N.W.
Washington, D.C. 20208

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GENERAL DIRECTIONS

In this booklet, you will find questions about yourself. Some questions ask for facts while other questions ask for your opinion.

Read each question carefully and respond as accurately and carefully as possible. You may ask for help if you do not understand something or are not sure how to respond.

Some of the questions will be followed by a few possible choices indicated with an oval next to them. For these questions, fill in the oval next to or below the answer you consider to be your choice as shown in Example 1.

Example 1

1. I attend school. *Yes* *No* (B)

The first oval “A” has been filled in because you attend school.

If you decide to change your response to a question, be sure to **completely erase** any unwanted marks. Make your answer mark clear and dark as shown in Example 2.

Example 2

1. I like ice cream. *Strongly agree* *Agree* (B) *Disagree* (C) *Strongly disagree* (D)

For some questions, you will be asked to fill in one response for **each line** below the question. Please read the directions for each question carefully.

For other questions, you will be asked to write a number or date in the boxes provided in your booklet. For these questions, you will use numbers in your answers. When you write, please be sure that your handwriting is clear and keep your writing inside the boxes.

1. On what date were you born?

Write the month, day, and year in the boxes.

month day year

2. Are you a girl or a boy?

Fill in one oval.

- girl (A)
boy (B)

2b. Which best describes you?

Fill in one oval.

- White (not Hispanic) (A)
Black (not Hispanic)..... (B)
Hispanic (“Hispanic” means someone who is Mexican, Mexican American, Chicano, Puerto Rican, Cuban, or from some other Spanish or Hispanic background.) (C)
Asian or Pacific Islander (“Asian or Pacific Islander” means someone who is Chinese, Japanese, Korean, Filipino, Vietnamese, Asian American, or from some other Asian or Pacific Island background.) (D)
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.) (E)
Other (specify) _____ (F)

3a. Were you born in the United States ?*Fill in **one** oval.*

Yes (A)

No (B)

3b. If you were not born in the United States, how old were you when you came to the United States?*Write your age at the time in the boxes.*I was

--	--

 years old when I came to the United States.

4. How often do you speak English at home?*Fill in **one** oval.*

always or almost always (A)

sometimes (B)

never (C)

5. During the week, how much time before or after school do you usually spend...

Fill in one oval on each line.

	<i>No time</i>	<i>Less than 1 hour</i>	<i>1-2 hours</i>	<i>3-5 hours</i>	<i>More than 5 hours</i>
a) taking extra lessons in mathematics?	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
b) taking extra lessons in science?	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
c) participating in science or mathematics clubs?	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
d) working at a paid job?	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E

6. On a normal school day, how much time do you spend before or after school doing each of these things?

Fill in one oval on each line.

	<i>No time</i>	<i>Less than 1 hour</i>	<i>1-2 hours</i>	<i>3-5 hours</i>	<i>More than 5 hours</i>
a) watching television and videos	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
b) playing computer games	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
c) playing or talking with friends outside of school	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
d) doing jobs at home	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
e) playing sports	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
f) reading a book for enjoyment	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
g) studying mathematics or doing mathematics homework after school	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
h) studying science or doing science homework after school	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E
i) studying or doing homework in school subjects other than mathematics and science	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E

7. How far in school did your mother and father go?

Fill in one oval in each column.

	<i>a) Mother</i>	<i>b) Father</i>
some elementary school, or did not go to school.....	Ⓐ	Ⓐ
finished elementary school	Ⓑ	Ⓑ
some high school	Ⓒ	Ⓒ
finished high school	Ⓓ	Ⓓ
some vocational/technical education after high school	Ⓔ	Ⓔ
some community college, college, or university courses	Ⓕ	Ⓕ
completed a bachelor's degree at a college or university	Ⓖ	Ⓖ
I don't know	Ⓗ	Ⓗ

8. How far in school do you expect to go?

Fill in one oval.

some high school	Ⓐ
finish high school.....	Ⓑ
some vocational/technical education after high school	Ⓒ
some community college, college, or university courses	Ⓓ
finish community college, college, or university	Ⓔ
I don't know	Ⓕ

	<i>Yes</i>	<i>No</i>
9a. Was your mother born in the United States?	Ⓐ	Ⓑ

Fill in one oval.

9b. Was your father born in the United States?	Ⓐ	Ⓑ
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Fill in one oval.

10. About how many books are there in your home?

(Do not count magazines, newspapers, or your school books.)

Fill in one oval.

- none or very few (0-10 books)..... A
- enough to fill one shelf (11-25 books)..... B
- enough to fill one bookcase (26-100 books)..... C
- enough to fill two bookcases (101-200 books)..... D
- enough to fill three or more bookcases (more than 200) E

11. Do you have any of these items at your home?

Fill in one oval on each line.

- | | <i>Yes</i> | <i>No</i> |
|--|-------------------------|-------------------------|
| a) calculator..... | <input type="radio"/> A | <input type="radio"/> B |
| b) computer | <input type="radio"/> A | <input type="radio"/> B |
| c) study desk/table for your use | <input type="radio"/> A | <input type="radio"/> B |
| d) dictionary | <input type="radio"/> A | <input type="radio"/> B |
| e) atlas | <input type="radio"/> A | <input type="radio"/> B |
| f) encyclopedia set..... | <input type="radio"/> A | <input type="radio"/> B |
| g) portable compact disk (CD) player..... | <input type="radio"/> A | <input type="radio"/> B |
| h) recreational vehicle (e.g., camper, motor home, etc.)..... | <input type="radio"/> A | <input type="radio"/> B |
| i) stereo system with a compact disk (CD) player | <input type="radio"/> A | <input type="radio"/> B |
| j) telephone answering machine..... | <input type="radio"/> A | <input type="radio"/> B |
| k) 3 or more cars, vans, small trucks..... | <input type="radio"/> A | <input type="radio"/> B |
| l) video camera..... | <input type="radio"/> A | <input type="radio"/> B |
| m) video game system..... | <input type="radio"/> A | <input type="radio"/> B |
| n) video recorder (VCR) | <input type="radio"/> A | <input type="radio"/> B |
| o) "Walkman" (small portable tape player with stereo headphones) | <input type="radio"/> A | <input type="radio"/> B |
| p) laptop or notebook computer | <input type="radio"/> A | <input type="radio"/> B |

12. My mother thinks it is important for me to...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) do well in science at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) do well in mathematics at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) do well in English at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) have time to have fun.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) be good at sports.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

13. In my mathematics class...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) students often neglect their school work.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) students are orderly and quiet during class	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) students do exactly as the teacher says.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

14. Most of my friends think it is important to...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) do well in science at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) do well in mathematics at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) do well in English at school.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) have time to have fun.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) be good at sports.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

15. I think it is important to...

Fill in one oval on each line.

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) do well in science at school.	(A)	(B)	(C)	(D)
b) do well in mathematics at school.	(A)	(B)	(C)	(D)
c) do well in English at school.	(A)	(B)	(C)	(D)
d) have time to have fun.	(A)	(B)	(C)	(D)
e) be good at sports.	(A)	(B)	(C)	(D)

16. How well do you usually do in mathematics and science at school?

Fill in one oval on each line.

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I usually do well in mathematics.	(A)	(B)	(C)	(D)
b) I usually do well in science.	(A)	(B)	(C)	(D)

17. How difficult do you think mathematics is?

Fill in one oval on each line.

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I would like mathematics much more if it were not so difficult.	(A)	(B)	(C)	(D)
b) Although I do my best, mathematics is more difficult for me than for many of my classmates.	(A)	(B)	(C)	(D)
c) Nobody can be good in every subject, and I am just not talented in mathematics.	(A)	(B)	(C)	(D)
d) Sometimes, when I do not understand a new topic in mathematics initially, I know that I will never really understand it.	(A)	(B)	(C)	(D)
e) Mathematics is not one of my strengths.	(A)	(B)	(C)	(D)

18. To do well in mathematics at school you need...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) lots of natural talent.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) good luck.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) lots of hard work studying at home.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) to memorize the textbook or notes.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

19. How difficult do you think science is?*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I would like science much more if it were not so difficult.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) Although I do my best, science is more difficult for me than for many of my classmates.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) Nobody can be good in every subject, and I am just not talented in science.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) Science is not one of my strengths.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

20. To do well in science at school you need...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) lots of natural talent.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) good luck.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) lots of hard work studying at home.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) to memorize the textbook or notes.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

21. How much do you like...

Fill in one oval on each line.

	<i>Like a lot</i>	<i>Like</i>	<i>Dislike</i>	<i>Dislike a lot</i>
a) mathematics?	(A)	(B)	(C)	(D)
b) science?	(A)	(B)	(C)	(D)

22. How much do you like using computers to learn...

Fill in one oval on each line.

	<i>Do not use computers</i>	<i>Like a lot</i>	<i>Like</i>	<i>Dislike</i>	<i>Dislike a lot</i>
a) mathematics?	(A)	(B)	(C)	(D)	(E)
b) science?	(A)	(B)	(C)	(D)	(E)

23a. Do you have access to the Internet...

Fill in one oval on each line.

	<i>Yes</i>	<i>No</i>
a) at home?	(A)	(B)
b) at school?	(A)	(B)
c) elsewhere?.....	(A)	(B)

23b. If you have access to the Internet, how often do you do each of the following?

Fill in one oval on each line.

	<i>At least once a week</i>	<i>At least once a month</i>	<i>A few times a year</i>	<i>Never</i>
d) Use e-mail to work with students in other schools on mathematics projects.	(A)	(B)	(C)	(D)
e) Use e-mail to work with students in other schools on science projects.	(A)	(B)	(C)	(D)
f) Use the World Wide Web to access information for mathematics projects.	(A)	(B)	(C)	(D)
g) Use the World Wide Web to access information for science projects.	(A)	(B)	(C)	(D)

24. What do you think about mathematics?*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I enjoy learning mathematics.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) Mathematics is boring.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) Mathematics is an easy subject.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) Mathematics is important to everyone's life.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) I would like a job that involved using mathematics.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

25. I need to do well in mathematics...*Fill in one oval on each line.*

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) to get the job I want.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) to please my parent(s).	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) to get into the high school or university I prefer..	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) to please myself.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

26. How often does this happen in your mathematics lessons?*Fill in one oval on each line.*

	<i>Almost always</i>	<i>Pretty often</i>	<i>Once in a while</i>	<i>Never</i>
a) The teacher shows us how to do mathematics problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) We copy notes from the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) We have a quiz or test.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) We work on mathematics projects.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) We work from worksheets or textbooks on our own.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
f) We use calculators.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
g) We use computers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
h) We use things from everyday life in solving mathematics problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
i) We work together in pairs or small groups.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
j) The teacher gives us homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
k) We can begin our homework in class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
l) The teacher checks homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
m) We check each other's homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
n) We discuss our completed homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
o) The teacher uses the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
p) The teacher uses an overhead projector.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
q) Students use the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
r) Students use the overhead projector.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
s) The teacher gets interrupted by messages, visitors, etc.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
t) The teacher uses a computer to demonstrate ideas in mathematics.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

27. When we begin a new topic in mathematics, we begin by...

Fill in one oval on each line.

	<i>Almost always</i>	<i>Pretty often</i>	<i>Once in a while</i>	<i>Never</i>
a) having the teacher explain the rules and definitions.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) discussing a word problem related to everyday life.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) working together in pairs or small groups on a problem or project.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) having the teacher ask us what we know related to the new topic.....	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) looking at the textbook while the teacher talks about it.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
f) trying to solve an example related to the new topic.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

28. Are you studying science in school this year?

Fill in one oval.

Yes (A)

No (B)

29. What do you think about science?

Fill in one oval on each line.

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) I enjoy learning science.	(A)	(B)	(C)	(D)
b) Science is boring.	(A)	(B)	(C)	(D)
c) Science is an easy subject.	(A)	(B)	(C)	(D)
d) Science is important to everyone's life.	(A)	(B)	(C)	(D)
e) I would like a job that involved using science.	(A)	(B)	(C)	(D)

30. I need to do well in science...

Fill in one oval on each line..

	<i>Strongly agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly disagree</i>
a) to get the job I want.	(A)	(B)	(C)	(D)
b) to please my parents.	(A)	(B)	(C)	(D)
c) to get into the high school or university I prefer.	(A)	(B)	(C)	(D)
d) to please myself.	(A)	(B)	(C)	(D)

31. How often does this happen in your science lessons?*Fill in one oval on each line.*

	<i>Almost always</i>	<i>Pretty often</i>	<i>Once in a while</i>	<i>Never</i>
a) The teacher shows us how to do science problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) We copy notes from the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) We have a quiz or test.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) We work on science projects.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) We work from worksheets or textbooks on our own.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
f) We use calculators.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
g) We use computers.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
h) We use things from every day life in solving science problems.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
i) We work together in pairs or small groups.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
j) The teacher gives us homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
k) We can begin our homework in class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
l) The teacher checks homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
m) We check each other's homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
n) We discuss our completed homework.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
o) The teacher gives a demonstration of an experiment.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
p) We ourselves do an experiment or practical investigation in class.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
q) The teacher uses the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
r) The teacher uses an overhead projector.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
s) Students use the board.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
t) Students use the overhead projector.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
u) The teacher gets interrupted by messages, visitors, etc.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
v) The teacher uses a computer to demonstrate ideas in science.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

32. When we begin a new topic in science, we begin by...

Fill in one oval on each line.

	<i>Almost always</i>	<i>Pretty often</i>	<i>Once in a while</i>	<i>Never</i>
a) having the teacher explain the rules and definitions.	(A)	(B)	(C)	(D)
b) discussing a word problem related to everyday life.	(A)	(B)	(C)	(D)
c) working together in small groups on a problem or project.	(A)	(B)	(C)	(D)
d) having the teacher ask us what we know related to the new topic.	(A)	(B)	(C)	(D)
e) looking at the textbook while the teacher talks about it.	(A)	(B)	(C)	(D)
f) trying to solve an example related to the new topic.	(A)	(B)	(C)	(D)

33. Does each of these people live at home with you most or all of the time?

Fill in one oval on each line.

	<i>Yes</i>	<i>No</i>
a) mother	Ⓐ	Ⓑ
b) father	Ⓐ	Ⓑ
c) one or more brothers	Ⓐ	Ⓑ
d) one or more sisters	Ⓐ	Ⓑ
e) stepmother	Ⓐ	Ⓑ
f) stepfather	Ⓐ	Ⓑ
g) one or more grandparents	Ⓐ	Ⓑ
h) another relative or relatives (uncle, aunt, cousin, etc.)	Ⓐ	Ⓑ
i) another person or persons (not relatives)	Ⓐ	Ⓑ

34. Altogether, how many people live in your home?

Write the total number of people in the boxes.

--	--

(Don't forget to include yourself.)

35. Outside of school, how often do you do these activities?

Fill in one oval on each line.

	<i>About every day</i>	<i>About once a week</i>	<i>About once a month</i>	<i>Rarely</i>
a) read a book or magazine	Ⓐ	Ⓑ	Ⓒ	Ⓓ
b) visit a museum or art exhibition	Ⓐ	Ⓑ	Ⓒ	Ⓓ
c) attend a concert	Ⓐ	Ⓑ	Ⓒ	Ⓓ
d) go to the theatre	Ⓐ	Ⓑ	Ⓒ	Ⓓ
e) go to the movies	Ⓐ	Ⓑ	Ⓒ	Ⓓ

36. Outside of school, how often do you watch the following kinds of programs on television or video?

Fill in one oval on each line.

	<i>About every day</i>	<i>About once a week</i>	<i>About once a month</i>	<i>Rarely</i>
a) news or documentaries	Ⓐ	Ⓑ	Ⓒ	Ⓓ
b) opera, ballet or classical music	Ⓐ	Ⓑ	Ⓒ	Ⓓ
c) nature, wildlife or history	Ⓐ	Ⓑ	Ⓒ	Ⓓ
d) popular music	Ⓐ	Ⓑ	Ⓒ	Ⓓ
e) sports	Ⓐ	Ⓑ	Ⓒ	Ⓓ
f) video games	Ⓐ	Ⓑ	Ⓒ	Ⓓ
g) cartoons	Ⓐ	Ⓑ	Ⓒ	Ⓓ
h) comedy, adventure or suspense	Ⓐ	Ⓑ	Ⓒ	Ⓓ

37. How often did any of these things happen last month in school?

Fill in one oval on each line.

	<i>Never</i>	<i>Once or twice</i>	<i>3-4 times</i>	<i>5 or more</i>
a) I skipped a class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
b) Something of mine was stolen.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
c) I thought another student might hurt me.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
d) Some of my friends skipped classes.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
e) Some of my friends had things stolen.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
f) Some of my friends were hurt by other students. ...	Ⓐ	Ⓑ	Ⓒ	Ⓓ

38. Listed below are some of the world's environmental problems. How much do you think the application of science can help in addressing these problems?

Fill in one oval on each line.

	<i>Not at all</i>	<i>Very little</i>	<i>Somewhat</i>	<i>A great deal</i>
a) air pollution	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
b) water pollution	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
c) destruction of forests	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
d) endangered species	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
e) damage to the ozone layer	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
f) problems from nuclear power plants	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

39. If you were going to choose a career that uses a science, which science would you prefer to use?

Fill in one oval.

Biology	<input type="radio"/> A
Chemistry	<input type="radio"/> B
Earth Science	<input type="radio"/> C
Physics	<input type="radio"/> D

THANK YOU for the thought and effort you have put into answering these questions. We wish you well in all that you do.

STOP

There are no more questions in this booklet.

If you have finished answering this booklet before the time is over then you may go back and review your answers. Thank you for taking the time to answer these questions carefully.

THERE ARE NO QUESTIONS ON THIS PAGE.