NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1a Student Grade 4



Part 1a contains Student Grade 4:

Core Questions Science Questions KaSA Core Questions (adapted for Puerto Rico) NIES Questions

The amount of time estimated to complete these forms: Core - 5 minutes Subject-specific – 10 minutes NIES – 15 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student 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 it displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850–0790. The time required to complete this information collection is estimated to average xx¹ 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, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission of this form, please write to: National Assessment of Educational Progress, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006.

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 03/31/2016

¹ Note: 75 minutes is total for assessment (cognitive and survey), for Wave 2 paper & pencil administrations (Science); 90 minutes for TBA, Science HOTS and ICT administrations; and 95 minutes for the Mathematics KaSA, Puerto Rico version. Applicable survey question time is listed on part covers.

Student Grade 4 Core			

Student Grade 4 Core Questions

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 11 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

VB331335

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - [®] 6−10
 - © 11–15
 - © 16-20
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

C	
Section	റ

VB331451

- 9. How often do people in your home talk to each other in a language other than English?
 - Never
 - ® Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 10. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - ® Stepmother
 - © Foster mother or other female legal guardian
 - Tather

- © Stepfather
- © Foster father or other male legal guardian

VE102537

11. Write the ZIP	code	of your	home	address
in the boxes.		,		

1 1	1 1	1 1	- 1
1 1	1 1	1 1	- 1
1 1	1 1	1 1	- 1

Student Grade 4 Science			

Student Grade 4 Science Questions

The amount of time estimated to complete this form is 10 minutes.

This section has 32 questions. Mark your answers in your booklet. Fill in only **one** oval for each question.

VC315287

- 1. In this school year, how often have you done activities or projects in science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VH157864

- 2. In this school year, have you done activities or projects to learn about living things (for example, plants, animals, bacteria)?
 - A Yes
 - ® No

VH157868

- 3. In this school year, have you done activities or projects to learn about electricity (for example, circuits, batteries, and light bulbs)?
 - A Yes
 - ® No

VH157871

- 4. In this school year, have you done activities or projects to learn about chemicals (for example, mixing sugar or salt in water)?
 - A Yes
 - ® No

VH157875

- 5. In this school year, have you done activities or projects to learn about rocks or minerals (for example, looking at different rocks)?
 - A Yes
 - ® No

VH157879

- 6. In this school year, how often have you done science activities using scientific tools (for example, telescopes, microscopes, thermometers, or weighing scales)?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315232

- 7. In this school year, how often have you read a science textbook?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315239

- 8. In this school year, how often have you read a book or magazine about science?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC519400

- 9. In this school year, how often have you read about science on the computer?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315248

- 10. In this school year, how often have you watched a movie, video, or DVD about science?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

- 11. In this school year, how often have you discussed news stories about science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315270

- 12. In this school year, how often have you worked with other students on a science activity or project?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315259

- 13. In this school year, how often have you presented what you learned about science to your class?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315256

- 14. In this school year, how often have you taken a science test or quiz?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315288

- 15. In this school year, how often have you talked about measurements or results from your science activities or projects?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VF633162

- 16. In this school year, how often have you been asked to write about your science activities or projects (such as reports, science journals, or lab write-ups)?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VH142438

- 17. In this school year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments for science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546453

- 18. In this school year, how often have you talked with your teacher about how you are doing in science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VH157884

- 19. In this school year, how often have you used your school library or media center resources for science (such as books, magazines, computers, and audio-video materials)?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546463

- 20. In this school year, how often have you used computers for science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315410

- 21. How often do you do science activities that are not for schoolwork?
 - Never or hardly ever
 - Sometimes
 - © Often
 - Always or almost always

VC315291

- 22. How often do you feel you can understand what the teacher talks about in science class?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

L1SB1

- 23. How often do you feel you can do a good job on your science tests?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC315294

- 24. How often do you feel you can do a good job on your science assignments?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC315299

- 25. How much do you like studying science?
 - Very little
 - Some
 - O Quite a bit
 - Very much

VC31530

- 26. How often do you feel science is one of your favorite subjects?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VF640468

- 27. In this school year, have you participated in a science club, a science fair, or a science competition?
 - A Yes
 - ® No

VF633304

- 28. In this school year, have you visited a museum, zoo, or aquarium to learn about science on a school trip?
 - A Yes
 - ® No

VF633276

- 29. In this school year, have you visited a museum, zoo, or aquarium to learn about science that was **not** on a school trip?
 - A Yes
 - ® No

VB595182

- 30. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

L1SB1

- 31. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 32. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important



Student Grade 4 KaSA Core

(adapted for Puerto Rico)

Student Grade 4 KaSA Core Questions

The amount of time estimated to complete this form is 5 minutes.

Grade 4 Student Core for Puerto Rico Translation

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 11 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

V	B33	13	3(

- 1. Are you Hispanic or Latino? Fill in one or more ovals.
 - No, I am not Hispanic or Latino.
 - (B) Yes, I am Mexican, Mexican American, or Chicano.
 - © Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- **2.** Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - Asian

 - © Native Hawaiian or other Pacific Islander

VB331335

- 3. About how many books are there in your home?
 - ♠ Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

J1D1-S 1 Part 1a - Page 15 of 26

1/D	221	22	6

4. Is there a computer at home that you use?	VB331336
Yes	
® No	
	VF098664
5. Do you have the following in your home? Fill in ovals for all that apply.	
Access to the Internet	
© Clothes dryer just for your family	
© Dishwasher	
More than one bathroom	
© Your own bedroom	
 6. About how many pages a day do you have to read in school and for homework? ⑤ 5 or fewer ⑥ 6-10 ⑥ 11-15 ⑨ 16-20 ⑥ More than 20 	TB001101
 7. How often do you talk about things you have studied in school with someone in your family? ⑤ Never or hardly ever ⑤ Once every few weeks ⑥ About once a week ⑥ Two or three times a week 	VB331339
© Every day	

8.	Но	w many days were you absent from school in the last month?	VB331447
	(A)	None	
	®	1 or 2 days	
	0	3 or 4 days	
	0	5 to 10 days	
	Œ	More than 10 days	
9.		w often do people in your home talk to each other in a language other than inish?	VC037530
	\bigcirc	Never	
	®	Once in a while	
	0	About half of the time	
	0	All or most of the time	
10.	Do	the following people live in your home? Fill in ovals for all that apply.	VF095730
	(A)	Mother	
	$^{\odot}$	Stepmother	
	0	Foster mother or other female legal guardian	
	0	Father	
	Œ	Stepfather	
	Ð	Foster father or other male legal guardian	

11. Write the ZIP code of your home address in the boxes.			

Student Grade 4 NIES

Student Grade 4 NIES Questions

The amount of time estimated to complete this form is 15 minutes.

section 1

National Indian Education Study

Grade 4 Student Questionnaire

Some of the questions are about your American Indian or Alaska Native background. When you answer these questions, think about the American Indian tribe or Alaska Native group to which you and your family belong. You may call your tribe or group a nation, a village, a band, or a community.

If you are connected to more than one American Indian tribe or Alaska Native group, answer for the one you know best.

VC759180 1. How much do you know about your American Indian tribe or Alaska Native group? For example, you may know about the history, traditions, or arts and crafts of your tribe or group. Nothing A little © Some ① A lot VH039733 2. Who taught you **most** of what you know about American Indian or Alaska Native history? No one has taught me about American Indian or Alaska Native history. Family members © Friends Teachers © Tribal representatives or elders

L1AIB

© Some else (please specify):

GO ON TO THE NEXT PAGE

Who taught you most of what you know about American Indian or Alaska Native traditions (ways of life, customs)?		
No one has taught me about American	Indian or Alaska Native traditions.	
® Family members		
© Friends		
① Teachers		
© Tribal representatives or elders		
⑤ Some else (please specify):		
Who taught you most of what you know al and crafts?	bout American Indian or Alaska Native arts	
No one has taught me about American	Indian or Alaska Native arts and crafts.	
® Family members		
© Friends		
① Teachers		
© Tribal representatives or elders		
① Some else (please specify):		
How often do you go to American Indian or Alaska Native ceremonies and gatherings?	6. How often do members of your family talk to each other in your American Indian or Alaska Native language?	
Never	Never or hardly ever	
® Every few years	Once or twice a month	
C At least once a year	© Once or twice a week	
Several times a year	© Every day or almost every day	

9. How do you rate yourself in speaking an American Indian or Alaska Native language?

- I cannot speak an American Indian or Alaska Native language.
- I can speak a few words or phrases.
- © I can speak well.

VH040067

VH040050

8. How often do you attend classes in school that are taught in an American Indian or Alaska Native language?

7. How often do people in your school

Indian or Alaska Native language?

Every day or almost every day

Never or hardly ever

® Once or twice a month

Once or twice a week

talk to each other in your American

- My school does not offer classes that are taught in an American Indian or Alaska Native language.
- ® Never or hardly ever
- Once or twice a month
- Once or twice a week
- © Every day or almost every day

- 10. How do you rate yourself in reading an American Indian or Alaska Native language?
 - I cannot read in an American Indian or Alaska Native language.
 - I can read a few words or phrases.
 - © I can read well.

- 11. Who taught you most of what you know about an American Indian or Alaska Native language?
 - No one has taught me about an American Indian or Alaska Native language.
 - Family members
 - © Friends
 - Teachers
 - © Tribal representatives or elders
 - © Some else (please specify):

L1AIB

Page 5

GO ON TO THE NEXT PAGE

VH158483

- 12. During 4th grade, have you attended school field trips to museums, traditional villages, or other places to learn about American Indian or Alaska Native people?
 - A Yes
 - ® No

VH153935

- 13. During 4th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people in school?
 - Yes, once or twice
 - Yes, three or more times
 - © No

VH153940

- 14. During 4th grade, have you used books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people **outside of school**?
 - Yes, once or twice
 - Yes, three or more times
 - © No

VH153945

- 15. In school, do you have access to a library, media center, or resource center with books, videos, or other materials (including Internet resources) about American Indian or Alaska Native people?
 - A Yes
 - ® No

VH040212

- 16. When my teacher talks about American Indian or Alaska Native history or culture, I try to read more about it.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VC759280

- 17. I enjoy reading about American Indian or Alaska Native people.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VC759283

- 18. I enjoy reading about people who have different traditions and cultures (ways of life, customs) than I have.
 - This is not like me.
 - This is a little like me.
 - This is a lot like me.

VH040240

- 19. I put a lot of effort into my schoolwork.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VH040276

- 20. I want to be one of the best students in my class.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VH040379

- 21. I enjoy being challenged in my classes.
 - This is not like me.
 - This is a little like me.
 - This is a lot like me.

VH040382

- 22. I feel that I belong at school.
 - This is not like me.
 - ® This is a little like me.
 - This is a lot like me.

VH040391

- 23. If I put in enough effort, I will succeed in school.
 - Strongly disagree
 - Disagree
 - © Agree
 - Strongly agree

VH04039

- 24. Trying hard in school will help me live a good life when I grow up.
 - Strongly disagree
 - Disagree
 - © Agree
 - Strongly agree

VC759288

- 25. How often does a parent or someone else from your family help you with your schoolwork? For example, they might help you to study for a test, help you with a school project, or go over your homework with you.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

VH040389

- 26. How often does a teacher or another adult from your school help you with your schoolwork? For example, they might help you to study for a test, help you with a school project, or go over your homework with you.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

VC759290

- 27. How often does another student from your school help you with your schoolwork? For example, they might help you to study for a test, help you with a school project, or go over your homework with you.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

- 28. How often do **you** help other students from your school with their schoolwork? For example, you might help other students to study for a test, help them with a school project, or go over their homework with them.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

VC759293

- 29. How much do you like school?
 - Not at all
 - A little
 - © Somewhat
 - O Very much

VC759294

- 30. Do you know the name of the American Indian tribe or Alaska Native group you belong to or are enrolled in?
 - A Yes
 - ® No
 - © I'm not sure.

C759295

31. If you know the name of the American Indian tribe or Alaska Native group that you belong to or are enrolled in, or if you think you know it, please print it on the line below. Do not worry about spelling. If you belong to more than one American Indian tribe or Alaska Native group, write the names of as many as you know.

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Section	
OCCLIOIL	

32.	What else would you like to say about yourself, your school, or about American Indian or Alaska Native people? Use these lines to write your ideas.

THANK YOU FOR YOUR HELP. YOUR IDEAS ARE IMPORTANT.



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1b Student Grade 8



Part 1b contains Student Grade 8:

Core Questions Science Questions KaSA (Puerto Rico) Core Questions NIES Questions

The amount of time estimated to complete these forms: Core - 5 minutes Subject-specific – 10 minutes NIES – 15 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student Questionnaire Cover Page

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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 03/31/2016

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Student Grade 8 Core Questions

The amount of time estimated to complete this form is 5 minutes.

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - Asian

 - © Native Hawaiian or other Pacific Islander

VB331335

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - ® 6-10
 - © 11–15
 - © 16-20
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

VB330870

- 9. How far in school did your mother go?
 - She did not finish high school.
 - ® She graduated from high school.
 - © She had some education after high school.
 - She graduated from college.
 - © I don't know.

VB330871

- 10. How far in school did your father go?
 - He did not finish high school.
 - B He graduated from high school.
 - © He had some education after high school.
 - He graduated from college.
 - © I don't know.

VB331451

- 11. How often do people in your home talk to each other in a language other than English?
 - A Never
 - Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 12. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - ® Stepmother
 - © Foster mother or other female legal guardian
 - Tather
 - Stepfather
 - © Foster father or other male legal guardian

VE102537

13. Write the ZIP code of your home address in the boxes.

1 1	1 1	1 1	1
1 1	1 1		
1 1	1 1	1 1	1



Student Grade 8 Science	

Student Grade 8 Science Questions

The amount of time estimated to complete this form is 10 minutes.

SECTION 4

This section has 19 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VC304978

1. In your science class this year, which of the following topics have been covered? Fill in **one** oval on each line.

	Yes	No	
a. Life science (for example, biology, the human body, or ecology)	A	®	VC304982
b. Physical science (for example, energy, physics, or chemistry)	A	®	VC304983
c. Earth and space science (for example, geology or astronomy)	A	®	VC304984
d. Engineering and technology (for example, designing solutions to problems)	A	B	VC304985

/F633079

2. In your science class this year, how often have you done hands-on activities or projects with any of the following? Fill in **one** oval on each line.

	Never	Rarely	Sometimes	Often	
a. Living things (for example, plants, animals, bacteria)	(A)	₿	©	0	VF633080
b. Electricity (for example, circuits, batteries, and light bulbs)	(A)	B	0	0	VF633083
c. Chemicals (for example, mixing or dissolving sugar or salt in water)	(A)	B	©	0	VF633082
d. Rocks or minerals (for example, identifying types)	(A)	B	©	0	VF633087
e. Simple machines (for example, pulleys and levers)	(A)	B	©	0	VF633086
f. Magnifying glass or microscope (for looking at small things)	(A)	B	0	0	VF633084
g. Thermometer or barometer (for making measurements)	A	$^{ ext{ $	©	0	VF633085

L2SB1

Page 1

GO ON TO THE NEXT PAGE

Section 4

VC305292

3. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	day or almost every day	
a. Read a science textbook, in class or at home	A	$^{ ext{ $	0	0	Œ	VC546510
b. Read a book or magazine about science topics	A	₿	0	•	Œ	VF633095
c. Use the Internet to learn about science topics	(A)	₿	0	0	(E)	VF633097
d. Watch a movie, video, or DVD about science topics	A	$^{ ext{ $	0	0	Œ	VF633099

VC304769

4. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Discuss events in the news that are related to what you are learning in science class	(A)	®	©	•	©	VC304771
b. Work with other students on a science project or activity	(A)	®	©	0	Ē	VC304772
c. Present what you learned about science to your class	A	®	0	0	(E)	VC304778
d. Take a science test or quiz	(A)	®	©	(D)	Œ	VC720564

5. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Identify questions that can be addressed through science experiments	(A)	®	©	0	Ē	VC720623
b. Design a science experiment	(A)	₿	0	•	(E)	VC720634
c. Talk about measurements you took for your science project or activity	(A)	®	0	0	Ē	VC720635
d. Talk about the results of your science project or activity	(A)	®	0	0	Ē	VC720636
e. Watch your teacher do a science experiment or activity	(A)	®	0	0	Ē	VC720638
f. Make graphs or charts of the results from your science project or activity	(A)	®	0	0	Œ	VC720639
g. Write about your science activities or projects (such as reports, science journals, or lab write-ups)	(A)	₿	©	(1)	©	VF633111

- 6. In this school year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments for science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546453

- 7. In this school year, how often have you talked with your teacher about how you are doing in science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VH157884

- 8. In this school year, how often have you used your school library or media center resources for science (such as books, magazines, computers, and audio-video materials)?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546463

- 9. In this school year, how often have you used computers for science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

- 10. How often do you feel you can understand what the teacher talks about in science class?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC315292

- 11. How often do you feel you can do a good job on your science tests?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC315294

- 12. How often do you feel you can do a good job on your science assignments?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

Section 4

VC305330

13. Please indicate how much you DISAGREE or AGREE with the following statements about science. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. I do science-related activities that are not for schoolwork.	A	®	0	•	VC305348
b. I like science.	A	B	©	•	VC305350
c. Science is one of my favorite subjects.	A	B	©	•	VC305351
d. I take science only because I have to.	A	B	©	•	VC305352
e. I need to do well in science to get the job I want.	A	®	0	•	VH142495
f. I would like a job that involves using science.	(A)	B	0	0	VH142499

VF633128

14. In this school year, have you participated in any of the following activities? Fill in **one** oval on each line.

	Yes	No	
a. Science fair	(A)	®	VF633132
b. Science club	(A)	®	VF633134
c. Science competition	A	®	VF633135

VF633276

- 15. In this school year, have you visited a museum, zoo, or aquarium to learn about science on a school trip?
 - A Yes
 - ® No

- 16. In this school year, have you visited a museum, zoo, or aquarium to learn about science that was **not** on a school trip?
 - A Yes
 - ® No

L2SB1

Page 6

VB595182

- 17. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

VC034559

- 18. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 19. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important



Student Grade 8 KaSA Core

(adapted for Puerto Rico)

Student Grade 8 KaSA Core Questions

The amount of time estimated to complete this form is 5 minutes.

Grade 8 Student Core for Puerto Rico Translation

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

X 7 T	222	122	

- 1. Are you Hispanic or Latino? Fill in one or more ovals.
 - No, I am not Hispanic or Latino.
 - (B) Yes, I am Mexican, Mexican American, or Chicano.
 - © Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- **2.** Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

VB331335

- **3.** About how many books are there in your home?
 - ♠ Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

	VB331336
4. Is there a computer at home that you use?	
Yes	
No	
	VF098664
5. Do you have the following in your home? Fill in ovals for all that apply.	
Access to the Internet	
Clothes dryer just for your family	
© Dishwasher	
More than one bathroom	
© Your own bedroom	
	TB001101
6. About how many pages a day do you have to read in school and for homework?	
⊕ 5 or fewer	
® 6–10	
© 11–15	
© 16–20	
© More than 20	
7. How often do you talk about things you have studied in school with someone in your family?	VB331339
Never or hardly ever	
Once every few weeks	
© About once a week	
Two or three times a week	
© Every day	
- 2101 y day	

8.	Нο	w many days were you absent from school in the last month?	VB331447
•		None	
	®	1 or 2 days	
	0	3 or 4 days	
	(5 to 10 days	
	(E)	More than 10 days	
			VB330870
9.	Но	w far in school did your mother go?	
	(A)	She did not finish high school.	
	®	She graduated from high school.	
	0	She had some education after high school.	
	(She graduated from college.	
	Œ	I don't know.	
			VB330871
10.	Но	w far in school did your father go?	
	lack	He did not finish high school.	
	B	He graduated from high school.	
	0	He had some education after high school.	
	0	He graduated from college.	
	(E)	I don't know.	
11	TT.		VC037530
11.		w often do people in your home talk to each other in a language other than anish?	
	(A)	Never	
	®	Once in a while	
	0	About half of the time	
	(All or most of the time	

(A)	Mother
$^{ ext{ $	Stepmother
0	Foster mother or other female legal guardian
(Father
Œ	Stepfather
(Ē)	Foster father or other male legal guardian
13. Wr	ite the ZIP code of your home address in the boxes.

12. Do the following people live in your home? Fill in ovals for all that apply.

Student Grade 8 NIES					

Student Grade 8 NIES Questions

The amount of time estimated to complete this form is 15 minutes.

section 1

National Indian Education Study

Grade 8 Student Questionnaire

Some of the questions are about your American Indian or Alaska Native background. When you answer these questions, think about the American Indian tribe or Alaska Native group to which you and your family belong. You may call your tribe or group a nation, a village, a band, or a community.

If you are connected to more than one American Indian tribe or Alaska Native group, answer for the one you know best.

VC996578	
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1. How much do	you know abo	ut each of the	following? Fill	in one oval o	n each line.
----------------	--------------	----------------	-----------------	----------------------	--------------

	Nothing	A little	Some	A lot	
a. Your American Indian or Alaska Native history	A	®	0	(D)	VC996581
b. Your American Indian or Alaska Native traditions and culture (way of life, customs)	(A)	B	©	•	VC996582
c. Issues today that are important to American Indian or Alaska Native people	(A)	®	©	•	VC996583

VH039733

- 2. Who taught you **most** of what you know about American Indian or Alaska Native history?
 - No one has taught me about American Indian or Alaska Native history.
 - ® Family members
 - © Friends
 - Teachers
 - Tribal representatives or elders
 - © Someone else (please specify):

${\tt Section}\ 1$

VH039760

3.		ditions (ways of life, customs)?	
	(A)	No one has taught me about American Indian or Alaska Native traditions.	
	®	Family members	
	0	Friends	
	(Teachers	
	(E)	Tribal representatives or elders	
	Ð	Someone else (please specify):	
1.	Am	no taught you most of what you know about issues today that are important to herican Indian or Alaska Native people? No one has taught me about issues today that are important to American Indian	7H039931
	•	Alaska Native people.	01
	®	Family members	
	0	Friends	
	0	Teachers	
	(E)	Tribal representatives or elders	
	Ð	Someone else (please specify):	

5. How often have you participated in each of the following? Fill in **one** oval on each line.

	Never	Every few years	At least once a year	Several times a year	
 a. Ceremonies and gatherings for people from your American Indian tribe or Alaska Native group 	(A)	B	©	•	VC996586
b. Ceremonies and gatherings that bring people together from many different American Indian tribes or Alaska Native groups	(A)	₿	©	(VC996587
c. Other American Indian or Alaska Native activities	(A)	$^{ ext{ $	0	•	VC996589

VC759193

- 6. How often do members of your family talk to each other in your American Indian or Alaska Native language?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

VC759195

- 7. How often do people in your school talk to each other in your American Indian or Alaska Native language?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - D Every day or almost every day

- 8. How often do you attend classes **in school** that are taught in an American Indian or Alaska Native language?
 - My school does not offer classes that are taught in an American Indian or Alaska Native language.
 - ® Never or hardly ever
 - Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

VH040050

- 9. How do you rate yourself in speaking an American Indian or Alaska Native language?
 - (A) I cannot speak an American Indian or Alaska Native language.
 - ® I can speak a few words or phrases.
 - © I can speak well.

VH040067

- 10. How do you rate yourself in reading an American Indian or Alaska Native language?
 - (A) I cannot read in an American Indian or Alaska Native language.
 - ® I can read a few words or phrases.
 - © I can read well.

Page 6

- 11. Who taught you **most** of what you know about an American Indian or Alaska Native language?
 - No one has taught me about an American Indian or Alaska Native language.
 - Family members
 - © Friends
 - Teachers
 - Tribal representatives or elders
 - © Someone else (please specify):

VC996590

- 12. During 8th grade, how often have any of your teachers talked to your class about the history, traditions, and cultures (ways of life, customs) of American Indian or Alaska Native people?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

13. During 8th grade, have you	attended any of the	following activities	organized by your
school? Fill in one oval on e	ach line.		

	Yes	No	
a. Presentations by American Indian or Alaska Native people about their traditions and cultures (ways of life, customs)	A	®	VH158491
b. American Indian or Alaska Native art and craft demonstrations	(A)	®	VH158492
c. Traditional American Indian or Alaska Native music and/or dance performances	(A)	®	VH158493
d. Field trips to museums, traditional villages, or other places to learn about American Indian or Alaska Native people	A	®	VH158494

14. During 8th grade, have you participated in any of the following activities **organized by your school**? Fill in **one** oval on each line.

	Yes	No	
a. Sports team	(A)	®	VH040143
b. Music club, orchestra, or band	A	®	VH040147
c. Cultural dances or other American Indian or Alaska Native activities (for example, drum groups)	(A)	B	VH040150
d. Academic club (for example, math club)	A	®	VH040152

15. During 8th grade, have you used books, videos, or or resources) about American Indian or Alaska Native			ding Interr	vH159106 net
Yes, once or twice				
Yes, three or more times				
© No				
				VH159110
16. During 8th grade, have you used books, videos, or or resources) about American Indian or Alaska Native				
Yes, once or twice				
Yes, three or more times				
© No				
				VH153945
17. In school , do you have access to a library, media cer videos, or other materials (including Internet resour Native people?				oks,
Yes				
® No				
18. Here are some sentences about reading. Fill in one of sentence describes a person like you.	oval on ea	ch line to sl	how whetl	vC996624 ner the
sentence describes a person like you.	This is not like me.	This is a little like me.	This is a lot like me.	
 a. When my teacher talks about American Indian or Alaska Native history or culture, I try to read more about it. 	(A)	B	©	VH043704
b. I enjoy reading about American Indian or Alaska Native people.	(A)	B	©	VC996627
c. I enjoy reading about people who have different traditions and cultures (ways of life, customs) than I have.	(A)	B	0	VC996628

L2AIB

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Section 1

VH040130

19. Here are some sentences about your school. Fill in **one** oval on each line to show whether the sentence describes a person like you.

	This is not like me.	This is a little like me.	This is a lot like me.	
a. I put a lot of effort into my schoolwork.	(A)	B	©	VH040131
b. I want to be one of the best students in my class.	A	®	0	VH040134
c. I enjoy being challenged in my classes.	(A)	B	©	VH040137
d. I feel that I belong at school.	A	®	©	VH040138

VH040157

20. How much do you agree with each of the following statements? Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. If I put in enough effort, I will succeed in school.	A	®	©	•	VH040158
b. If I put in enough effort in school, I will get into college.	(A)	®	©	•	VH040160
c. If I put in enough effort in school, I will get a good job.	(A)	B	0	•	VH040161

VC759293

- 21. How much do you like school?
 - Not at all
 - A little
 - © Somewhat
 - O Very much

L2AIB

Page 10

- 22. How much are the things you are learning in school preparing you for the life you want to lead?
 - Not at all
 - A little
 - O A fair amount
 - Very much

VC996641

- 23. During 8th grade, how often have you talked with any of your teachers outside of regular class periods? For example, to get extra help with your assignments, to talk about issues that matter to you, or just to visit.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - D Every day or almost every day

VH040389

- 24. How often do **you** help other students from your school with their schoolwork? For example, you might help other students to study for a test, help them with a school project, or go over their homework with them.
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - D Every day or almost every day

25. How often do any of the following people help you with your schoolwork? For example, they might help you to study for a test, help you with a school project, or go over your homework with you. Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. A parent or someone else from my family	A	®	©	•	VC996636
b. A teacher or another adult from my school	A	®	©	•	VC996637
c. Another student	lack	®	©	(D)	VC996639
d. A tribal representative or elder	A	B	©	•	VH018268

VC996644

26. During 8th grade, how many times have you talked to each of the following people about the classes you should take in high school or about what you want to do after high school? Fill in **one** oval on each line.

	Never	One time	Two or three times	Four or more times	
a. A family member	A	®	©	•	VC996645
b. A teacher	A	$^{ ext{ B}}$	©	(VC996646
c. A school counselor	A	®	0	•	VC996647
d. Another student	A	®	0	•	VC996648
e. A tribal representative or elder	A	®	©	•	VH026209
f. Someone else who lives in my community or is a friend of my family	A	₿	©	•	VH026211

27. Which of the following would you plan to do in your first year after high school? Fill in as many ovals as apply.

a. Go to college full time	(A)	VC996651
b. Go to college part time	®	VC996652
c. Go to another school (for example, career training, technical, or trade/vocational) full time	©	VC996653
d. Go to another school (for example, career training, technical, or trade/vocational) part time	•	VC996654
e. Join the military	(E)	VC996655
f. Work full time	(Ē)	VC996656
g. Work part time	©	VC996657
h. Travel	\oplus	VC996658
i. Care for family	0	VC996659
j. I don't know.	0	VC996660

VH040216

28. To what extent is each of the following a problem in your school? Fill in **one** oval on each line.

	Not at all	Small extent	Moderate extent	Large extent	
a. Student tardiness	(A)	$^{\circ}$	0	•	VH040217
b. Student health problems	(A)	$^{ ext{ $	0	•	VH040219
c. Student misbehavior in class	(A)	$^{ ext{ $	0	•	VH040221
d. Physical conflicts among students	(A)	$^{ ext{ B}}$	0	•	VH040223
e. Bullying	(A)	$^{ ext{ B}}$	0	•	VH040226
f. Low student motivation	A	B	©	(D)	VH040227

Section 1

29.	VC759294 Do you know the name of the American Indian tribe or Alaska Native group you belong to or are enrolled in?
	Yes
	® No
	© I'm not sure.
30.	If you know the name of the American Indian tribe or Alaska Native group that you belong to or are enrolled in, or if you think you know it, please print it on the line below. Do not worry about spelling. If you belong to more than one American Indian tribe or Alaska Native group, write the names of as many as you know.
31.	What else would you like to say about yourself, your school, or about American Indian or Alaska Native people? Use these lines to write your ideas.

THANK YOU FOR YOUR HELP. YOUR IDEAS ARE IMPORTANT.



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 2 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1c Student Grade 12



Part 1c contains Student Grade 12:

Core Questions Science Questions

The amount of time estimated to complete these forms: Core - 5 minutes Subject-specific – 10 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student 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 it displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850–0790. The time required to complete this information collection is estimated to average xx¹ 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, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission of this form, please write to: National Assessment of Educational Progress, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006.

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 03/31/2016

¹ Note: 75 minutes is total for assessment (cognitive and survey), for Wave 2 paper & pencil administrations (Science); 90 minutes for TBA, Science HOTS and ICT administrations. Applicable survey question time is listed on part covers.

Student Grade 12 Core					

The amount of time estimated to complete this form is 5 minutes.

Student Grade 12 Core Questions

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 15 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - Asian

 - © Native Hawaiian or other Pacific Islander

VB331335

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - [®] 6−10
 - © 11–15
 - © 16-20
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - A Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

VB330870

- 9. How far in school did your mother go?
 - She did not finish high school.
 - ® She graduated from high school.
 - She had some education after high school.
 - She graduated from college.
 - © I don't know.

VB330871

- 10. How far in school did your father go?
 - He did not finish high school.
 - B He graduated from high school.
 - He had some education after high school.
 - He graduated from college.
 - © I don't know.

VB331451

- 11. How often do people in your home talk to each other in a language other than English?
 - Never
 - Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 12. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - ® Stepmother
 - © Foster mother or other female legal guardian
 - Tather
 - Stepfather
 - © Foster father or other male legal guardian

VF291224

- 13. During this school year, which of the following have you done? Fill in ovals for **all** that apply.
 - Taken the SAT or ACT College **Entrance Exams**
 - ® Submitted the Free Application for Federal Student Aid (FAFSA)
 - © Applied to a 2-year college
 - Been accepted to a 2-year college
 - © Applied to a 4-year college
 - © Been accepted to a 4-year college
 - © Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)
 - Been accepted to a technical training program
 - ☐ Talked with a military recruiter
 - Enlisted in the military
 - © Applied for a full-time job
 - Been interviewed for a full-time job
 - None of the above

HE002549

- 14. Which of the following best describes your high school program?
 - General
 - Academic or college preparatory
 - O Vocational or technical

VE102537

15. Write the ZIP	code of your	home address
in the boxes.	•	

1 1		1
1 1		1
1 1		1





Page 4

Student Grade 12 Science							

Student Grade 12 Science Questions

The amount of time estimated to complete this form is 10 minutes.

section 4

This section has 23 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VC305768

1. Which courses have you taken from eighth grade to the present?

If you have taken a course more than once, give the most recent year you took it. Fill in **one** oval on each line. INCLUDE courses taken in summer school, but DO NOT INCLUDE topics that were only taught as part of a longer course.

topics that were only taught as part of a longer course.					I am taking		
	Course not taken	I took this course in Grade 8	I took this course in Grade 9	I took this course in Grade 10	I took this course in Grade 11	or have taken this course in Grade 12	
a. Earth and space science	A	B	©	0	Œ	(Ē)	VC305813
b. Life science (other than biology)	(A)	$^{ ext{ B}}$	©	•	Œ	(F)	VC305814
c. Physical science (other than chemistry or physics)	(A)	®	©	•	((Ē)	VC305815
d. General science	A	$^{ ext{ $	0	•	Ē	(F)	VC305817
e. First-year biology	(A)	®	0	•	(E)	(F)	VC305819
f. Second-year biology	A	B	©	0	Œ	(Ē)	VC305820
g. First-year chemistry	A	$^{ ext{ B}}$	©	0	Ē	(Ē)	VC305821
h. Second-year chemistry	A	B	©	0	Œ	(Ē)	VC305822
i. First-year physics	A	$^{ ext{ $	0	•	Ē	(F)	VC305823
j. Second-year physics	A	B	©	0	Œ	(Ē)	VC305825
k. Engineering and technology	A	®	©	•	Œ	(Ē)	VC305826
l. Other science course	(A)	B	0	•	Œ	(Ē)	VC305829

L3SB1

Page 1

Section 4

ID110276

- 2. Are you currently enrolled in or have you taken International Baccalaureate® courses in science?
 - A Yes
 - ® No

VC304768

- 3. Are you currently enrolled in or have you taken any online science courses for high school or college credit?
 - A Yes
 - ® No

ID110275

- 4. Are you currently enrolled in or have you taken an Advanced Placement course in science? Fill in ovals for **all** that apply.
 - (A) Yes, I am enrolled in or have taken Advanced Placement Biology.
 - ® Yes, I am enrolled in or have taken Advanced Placement Environmental Science.
 - © Yes, I am enrolled in or have taken Advanced Placement Chemistry.
 - Tes, I am enrolled in or have taken Advanced Placement Physics B or C.
 - © Yes, I am enrolled in or have taken Advanced Placement Computer Science A or AB.
 - © No, I have never taken an Advanced Placement science course.

5. Please indicate how much you DISAGREE or AGREE with the following statements about science. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. I do science-related activities that are not for schoolwork.	(A)	B	©	•	VC305348
b. I like science.	(A)	$^{ ext{ $	©	•	VC305350
c. Science is one of my favorite subjects.	. 🛆	®	©	•	VC305351
d. I take science only because I have to.	A	B	©	•	VC305352
e. I need to do well in science to get the job I want.	A	®	©	•	VH142495
f. I would like a job that involves using science.	A	®	0	•	VH142499

VC720597

- 6. Are you currently taking a science course?
 - igotimes Yes \rightarrow Go to Question 7.
 - No \rightarrow Skip to Question 18.

VF633079

7. In your science class this year, how often have you done hands-on activities or projects with any of the following? Fill in **one** oval on each line.

	Never	Rarely	Sometimes	Often	
a. Living things (for example, plants, animals, bacteria)	(A)	B	©	•	VF633080
b. Electricity (for example, circuits, batteries, and light bulbs)	(A)	®	©	•	VF633083
c. Chemicals (for example, mixing or dissolving sugar or salt in water)	A	B	©	•	VF633082
d. Rocks or minerals (for example, identifying types)	(A)	®	©	0	VF633087
e. Simple machines (for example, pulleys and levers)	A	₿	©	•	VF633086
f. Magnifying glass or microscope (for looking at small things)	A	₿	©	0	VF633084
g. Thermometer or barometer (for making measurements)	A	B	©	(VF633085

VC305292

8. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Read a science textbook in class or at home	., A	$^{ ext{ B}}$	0	•	Ē	VC546510
b. Read a book or magazin about science topics	e 🖎	B	©	(Ē	VF633095
c. Use the Internet to learn about science topics	n 🖎	B	0	•	Œ	VF633097
d. Watch a movie, video, o DVD about science topi		B	0	(D)	Œ	VF633099

9. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or Every day three times or almost a week every day	
a. Discuss events in the news that are related to what you are learning in science class	(A)	B	©	① E	VC304771
b. Work with other students on a science project or activity	A	B	©	(D) (E)	VC304772
c. Present what you learned about science to your class	(A)	®	0	(D) (E)	VC304778
d. Take a science test or quiz	A	®	©	(D) (E)	VC720564

10. In your science class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Identify questions that can be addressed through science experiments	A	B	©	•	Œ	VC720623
b. Design a science experiment	(A)	®	©	•	Œ	VC720634
c. Talk about measurements you took for your science project or activity	A	B	©	•	(E)	VC720635
d. Talk about the results of your science project or activity	A	B	©	•	Œ	VC720636
e. Watch your teacher do a science experiment or activity	A	®	©	•	Œ	VC720638
f. Make graphs or charts of the results from your science project or activity	A	®	©	•	Œ	VC720639
g. Write about your science activities or projects (such as reports, science journals, or lab write-ups)	A	B	0	•	Œ	VF633111

- 11. In this school year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments for science?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546453

- 12. In this school year, how often have you talked with your teacher about how you are doing in science?
 - Never or hardly ever
 - Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VH157884

- 13. In this school year, how often have you used your school library or media center resources for science (such as books, magazines, computers, and audio-video materials)?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC546463

- 14. In this school year, how often have you used computers for science?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

VC315291 VC315294 15. How often do you feel you can 17. How often do you feel you can do a understand what the teacher talks good job on your science assignments? about in science class? Never or hardly ever Never or hardly ever Sometimes Sometimes © Often Often Always or almost always Always or almost always VC315292 16. How often do you feel you can do a good job on your science tests? Never or hardly ever Sometimes © Often Always or almost always VF633128 18. In this school year, have you participated in any of the following activities? Fill in one oval on each line. Yes No a. Science fair VF633132 \bigcirc B VF633134 b. Science club (A) **B** VF633135 c. Science competition \bigcirc B

VF633304

- 19. In this school year, have you visited a museum, zoo, or aquarium to learn about science on a school trip?
 - A Yes
 - ® No

VF633276

- 20. In this school year, have you visited a museum, zoo, or aquarium to learn about science that was **not** on a school trip?
 - A Yes
 - ® No

VB595182

- 21. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

VC034559

- 22. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 23. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important

