

Delaware

Student

Testing

Program

Report of Student Survey Questionnaire

2008 DSTP Spring and Fall Administrations for Grades 4, 6, 8, and
11 in Science and Social Studies

Prepared by the Assessment and Analysis Group
Curriculum and Instructional Support Branch
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This report was prepared by the Assessment and Analysis Office. If you have any questions regarding this report, please contact Wendy Pickett, Director of Assessment and Analysis at (302) 735-4090 (wpickett@doe.k12.de.us).

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Introduction

As part of the 2008 spring and fall administrations of the Delaware Student Testing Program (DSTP), a student questionnaire survey was given to students of grades 4, 6, 8, and 11 on Opportunity to Learn, Science, and Social Studies. Students' responses to the survey questions are analyzed by grade, gender, race, and performance level to the corresponding assessment. Brief comparisons are provided across grades for the same or similar questions. The survey results of Opportunity to Learn for grades 4, 6, and 8 can be found in the Report of Student Questionnaire Survey – 2008 DSTP Administration for grades 3 to 10 in Reading, Writing, and Mathematics.

The results indicated that family support, student motivation and effort, and curriculum content and instructional strategies are indeed important aspects in preparing students for success in meeting the standards. Evidence provided from the 2008 survey supports the relationship between these factors and subsequent performance on the statewide assessment. The results of the questionnaire also provide validity evidence, particularly the consequential validity evidence, to the connections between the state assessment programs and classroom teaching and learning.

In attached tables the groups identified are as follows. Due to the small sample size, the results of analysis are not reported for American Indians.

F – Female
M – Male
AA – African American
A – Asian,
H – Hispanic
C – Caucasian

Summary of Results

Opportunity to Learn

- Data show that nearly two thirds of students in grade 11 talked about what they had learned in school with someone at home at least once or twice a week.
- Over 82% of the students in grade 11 reported that their parents or guardian had encouraged them to do their best in school. Among them more females (85%) than male students (80%).
- About 17% of the students in grade 11 reported spending two hours or more on homework each school day; 43% of students reported spending about an hour on homework, and 11% reported that they usually don't do their homework. More Asian students (42%) reported spending two hours or more on homework than the other

racial/ethnic groups (19% for African American; 15% for Hispanic and Caucasian students, each).

- About 20% of the students in grade 11 reported that they spent three hours or more watching television each school day, 28% for about two hours, and 33% for about one hour.
- Only 16% of the students reported that they spent two or more hours on computer each school day, 26% for one hour, and 40% less than an hour. African American (23%) and Asian students (29%) have higher percentage of using computer than the other groups.
- Of the students in grade 11, 70% reported that it is very important to do well in school. The percentage is 12% higher for females (78%) than their counterparts (62%). Caucasian students have the lowest percentage (66%) than the other racial/ethnic groups (74-76%).

Science

- Over one third of the students in grade 4 (35%), and over 50% of students in grades 6 (58%), 8 (52%), and 11 (58%) reported that they had received science homework almost every day or a couple of times a week.
- The data show that more students in grades 4 (25%) and 6 (20%), grade 8 (12%) and grade 11 (13%) reported using scientific equipment in their science class almost every day. More students reported to use scientific equipment once or twice a week in grade 4 (32%), grade 6 (41%), grade 8 (34%) and grade 11 (28%). The frequency of using scientific equipment obviously has positive impact on student learning. The results linking students' responses with their performance on the DSTP science suggest that more high-achieving than low-achieving students usually used science equipment at least once or twice a week [for example, in grade 6, from Distinguished to Well Below the Standard: 71%, 65%, 60%, 53% and 55%]. However, more low-achieving than high-achieving students reported rarely using such equipment in their science class [for example, in grade 8, from Well Below the Standard to Distinguished: 21%, 17%, 14%, 14%, and 13%].
- In grades 4 and 6, 40-41% of the students reported that they shared their ideas and reports with other students in class almost every day. However, 16-18% of the students reported that they rarely shared their ideas in their science class. More low-achieving than high-achieving students reported that they rarely shared ideas and reports with other students [For example, in grade 4, from Well below the Standard to Distinguished: 23%, 22%, 19%, 17%, and 13%; in grade 6 23%, 21%, 17%, 12%, and 8%].
- About one third of the students in grades 8 (32%) and 11 (40%) reported that their teachers usually prepared the experiment/lab and asked students to do it; among them

more high-achieving than low-achieving students [for example, in grade 8, from Distinguished to Well Below the Standard: 40%, 37%, 32%, 31% and 26% and for grade 11, Distinguished to Well Below the Standard: 54%, 49%, 43%, 35% and 28%]. Nine percent of grade 11 and 12% of grade 8 reported that their teachers usually did the experiment/lab and asked questions; among them more low-achieving than high-achieving students [for grade 8, from Well Below the Standard to Distinguished: 18%, 13%, 9%, 5% and 6%; and for grade 11, from Well Below the Standard to Distinguished: 16%, 13%, 9%, 8%, and 7%].

- Forty-one percent of the student in grade 4, 66% in grade 6, and 50% in grade 8; but only 23% in grade 11 reported that their teachers asked them to write explanations in their journals/notebooks; or in their lab reports or on tests almost every day. Across grades, 19-29% of the students were engaged in these instructional activities once or twice a week. About 8-20% of the students across the four grades reported that their science teachers rarely asked them to write explanations.
- Seventy-four percent of the students in grades 4 believed what they had learned in science class helps them understand the world better; however, the percentage declined to 55% in grade 6, 50% in grade 8, and only 37% in grade 11. More high-achieving than low-achieving students believed that what they had learned in science class helps them understand the world better [for example, in grade 8, from Distinguished to Well Below the Standard: 71%, 61%, 54%, 43%, and 36%; and in grade 11, from Distinguished to Well Below the Standard: 56%, 49%, 38%, 29% and 28%]. On the contrary, more low-achieving than high-achieving students did not believe so [for example, in grade 4, from Well Below the Standard to Distinguished: 9%, 7%, 4%, 3%, and 3%; and in grade 6, from Well Below the Standard to Distinguished: 5%, 2%, 1%, 1%, and 0%].
- Eighty-one percent of the fourth graders reported feeling well-prepared for the DSTP science test. The percent dropped to 55% in grade 6, 55% in grade 8, but only 29% in grade 11. The data suggest that more high-achieving than low-achieving students reported feeling well-prepared for the science test [for example, in grade 8, from Distinguished to Well Below the Standard: 71%, 61%, 54%, 43%, and 36%; in grade 11, from Distinguished to Well Below the Standard: 49%, 39%, 30%, 23%, and 21%]; whereas more low-achieving than high-achieving students reported not feeling prepared by their science class [for example, in grade 6, from Well Below the Standard to Distinguished: 13%, 10%, 7%, 6%, and 6%; in grade 8, from Well Below the Standard to Distinguished: 16%, 9%, 7%, 6%, and 3%; in grade 11, from Well Below the Standard to Distinguished: 32%, 32%, 26%, 17%, and 16%].
- The majority of the students tried very hard to do well on the science test with a higher percentage for grade 4 (89%) and grade 6 (86%). The percentage declined to 75% in grade 8 and 46% in grade 11. Only 2-4% of the students in grades 4, 6, and 8 reported that they did not try hard on the test, while the percentage increased to 12% in grade 11. The data suggest that student motivation has a positive relationship with performance on the DSTP science test. For instance, in grade 8 more high-achieving

than low-achieving students tried very hard on the science test [from Distinguished to Well Below the Standard: 82%, 80%, 78%, 75%, and 63%]; whereas, more low-achieving than high-achieving students did not try hard on the test, for instance in grade 4 [from Well Below the Standard to Distinguished: 22%, 8%, 1%, 1%, and less than 1%].

Social Studies

- Thirty-nine to 43% of the students in grades 4 and 6, 34% of the students in grade 8, and 30% in grade 11 reported that their social studies teacher asked them to use maps for collecting information to support their answers rather than just locating places in every or in most social studies classes. Similarly, Fifty-five percent of students in grade 4, 42% in grade 6 reported that their teachers asked them to collect information from graphs or charts to explain or justify their answers in every or in most social studies classes; the percentage dropped to 35-36% for grades 8 and 11, respectively. About 14-22% of the students in grades 4 and 6 and 19-27% in grades 8 and 11 reported that their teachers never or hardly ever asked them to do these activities.
- According to the results, only 16-19% of the students across grades reported that they apply the concepts and knowledge they had learned in Economics, History, Geography, and Civics to solve real-life problems in every social studies class, 23-30% in most classes, 29%-32% in some classes, and 18%-28% never or hardly ever.
- Twenty-seven percent of the students in grade 4, 34-35% in grades 6 and 8, and 40% of the students in grade 11 reported that their social studies teacher asked them every class or in most classes to use primary sources, such as documents, diaries, and artifacts. About 20-25% of the students in grades 8 and 11, and 29-36% in grades 4 and 6 reported never or hardly.
- About 45-49% of the students in grades 6, 8, and 11 reported that their social studies teachers asked them to explain why there are often different interpretations of the same event every class or in most classes.
- Based on students' responses, there are great variations in Delaware public schools of teaching the four sub-content areas every class or in most of the classes across the four grades, from 25% to 52% for Geography; 41% to 64% for Civics and Government; 35% to 47% for Economics; 52% to 80% for History.
- Eighty percent of the students in grade 4 reported feeling well-prepared for the DSTP social studies test. The percentage declined to 61% in grade 6, 39% in grade 8, and 34% in grade 11. More high-achieving than low-achieving students reported feeling prepared and somewhat prepared to do well on the DSTP social studies test [for example, in grade 11, from Distinguished to Well Below the Standard: 83%, 85%, 81%, 76%, and 67%]. About 19% of the students in grades 8 and 11 reported not feeling prepared to do well on the social studies test.

- Ninety-one percent of the students in grade 4 tried very hard to do well on the DSTP social studies test, among them about 4% more females (93%) than males (89%). The percentage, however, dropped to 86% in grade 6 with 90% females and 82% males, 72% in grade 8 with 77% females and 67% males, and only 46% in grade 11 with 50% females and 36% males. Only 2% of the students in grades 4 and 6 reported not trying hard on the test; the percentage slightly increased to 4% for grade 8, but jumped to 13% for grade 11. The data suggest that student motivation has positive relationship with performance on the social studies test. More high-achieving than low-achieving students tried very hard on the test [for example, in grade 6, from Distinguished to Well Below the Standard: 93%, 92%, 89%, 83%, and 70%]; while more low-achieving than high-achieving students reported that they did not try hard on the test [for example, in grade 8, from Well Below the Standard to Distinguished: 9%, 5%, 3%, 2%, and 2%].

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
Grade 4 Science												
1. How often do you have science homework?												
a. Almost every day	0.11	0.10	0.12	0.13	0.08	0.16	0.08	0.39	0.24	0.11	0.06	0.08
b. Once or twice a week	0.24	0.25	0.24	0.24	0.28	0.29	0.24	0.14	0.22	0.25	0.24	0.25
c. Once or twice a month	0.15	0.14	0.16	0.12	0.22	0.13	0.17	0.15	0.09	0.12	0.19	0.23
d. Never or hardly ever	0.49	0.50	0.48	0.50	0.41	0.41	0.50	0.31	0.43	0.51	0.50	0.45
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.00	0.00
2. How often do you actually use scientific equipment (e.g., balances, rulers, thermometers, hand lenses, etc.) in your science class?												
a. Almost every day	0.25	0.24	0.26	0.25	0.21	0.26	0.25	0.27	0.31	0.25	0.23	0.24
b. Once or twice a week	0.32	0.33	0.32	0.31	0.39	0.33	0.32	0.31	0.30	0.31	0.34	0.37
c. Once or twice a month	0.17	0.17	0.17	0.14	0.22	0.15	0.19	0.17	0.12	0.15	0.20	0.22
d. Never or hardly ever	0.25	0.26	0.24	0.29	0.18	0.24	0.23	0.23	0.26	0.28	0.23	0.16
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.03	0.02	0.01	0.00	0.00
3. How often do you share your ideas and reports with students in your class?												
a. Almost every day	0.40	0.42	0.38	0.44	0.38	0.42	0.37	0.41	0.44	0.40	0.40	0.38
b. Once or twice a week	0.28	0.27	0.28	0.25	0.33	0.28	0.29	0.19	0.21	0.28	0.28	0.31
c. Once or twice a month	0.13	0.13	0.13	0.10	0.14	0.09	0.16	0.15	0.12	0.11	0.15	0.18
d. Never or hardly ever	0.18	0.16	0.19	0.19	0.15	0.19	0.17	0.23	0.22	0.19	0.17	0.13
z. No Response	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.01
4. In your science class, how often does your teacher ask you to write explanations in your journals or notebooks?												
a. Almost every day	0.41	0.43	0.40	0.45	0.44	0.47	0.37	0.39	0.47	0.42	0.39	0.40
b. Once or twice a week	0.29	0.28	0.29	0.27	0.32	0.28	0.30	0.25	0.24	0.27	0.31	0.32
c. Once or twice a month	0.10	0.10	0.11	0.09	0.10	0.09	0.12	0.17	0.10	0.10	0.11	0.12
d. Never or hardly ever	0.19	0.18	0.20	0.18	0.14	0.15	0.20	0.18	0.18	0.20	0.18	0.15
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
5. Do you think what you have learned in your science class helps you understand the world better?												
a. Yes	0.74	0.73	0.74	0.75	0.81	0.79	0.71	0.73	0.78	0.75	0.70	0.70
b. Somewhat	0.23	0.24	0.22	0.20	0.18	0.17	0.26	0.15	0.14	0.21	0.27	0.28
c. No	0.02	0.02	0.03	0.03	0.01	0.02	0.02	0.08	0.06	0.02	0.01	0.01
z. No Response	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.04	0.02	0.02	0.01	0.01
6. Do you feel your science class has prepared you to do well on the DSTP science test?												
a. Yes	0.81	0.82	0.81	0.81	0.78	0.84	0.81	0.64	0.80	0.82	0.80	0.81
b. Somewhat	0.14	0.14	0.14	0.13	0.18	0.11	0.15	0.19	0.11	0.13	0.16	0.16
c. No	0.03	0.02	0.03	0.04	0.03	0.03	0.02	0.14	0.06	0.03	0.02	0.02
z. No Response	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.03	0.03	0.02	0.01	0.01
7. How hard did you try to do well on the DSTP science test?												
a. Very hard	0.89	0.92	0.87	0.88	0.87	0.87	0.91	0.61	0.79	0.90	0.91	0.93
b. Somewhat hard	0.06	0.04	0.08	0.06	0.09	0.08	0.06	0.14	0.10	0.06	0.06	0.05
c. Not hard	0.02	0.01	0.03	0.03	0.02	0.02	0.01	0.22	0.08	0.01	0.01	0.01
z. No Response	0.02	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.04	0.03	0.02	0.02
Grade 4 Social Studies												
8. How often does your social studies teacher ask you to use maps to locate places?												
a. Every class	0.10	0.10	0.10	0.13	0.06	0.11	0.09	0.20	0.14	0.08	0.07	0.05
b. Most classes	0.26	0.27	0.26	0.23	0.24	0.24	0.29	0.21	0.22	0.27	0.34	0.40
c. Some classes	0.43	0.43	0.43	0.41	0.50	0.47	0.43	0.36	0.41	0.45	0.45	0.42
d. Never or hardly ever	0.20	0.19	0.20	0.22	0.18	0.17	0.19	0.20	0.23	0.20	0.14	0.12
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
9. How often does your social studies teacher ask you to use maps to explain your answer (e.g., collect information from maps to support your answer)?												
a. Every class	0.13	0.13	0.12	0.16	0.09	0.17	0.10	0.22	0.16	0.11	0.08	0.06
b. Most classes	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.30
c. Some classes	0.39	0.39	0.39	0.35	0.44	0.40	0.41	0.31	0.35	0.41	0.44	0.39
d. Never or hardly ever	0.22	0.21	0.22	0.22	0.19	0.16	0.22	0.18	0.22	0.22	0.22	0.23
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.01
10. How often does your social studies teacher ask you to collect information from graphs or charts to explain your answer?												
a. Every class	0.20	0.20	0.20	0.26	0.11	0.28	0.15	0.29	0.26	0.18	0.12	0.11
b. Most classes	0.33	0.34	0.32	0.32	0.32	0.33	0.34	0.25	0.32	0.35	0.34	0.30
c. Some classes	0.32	0.32	0.32	0.28	0.40	0.27	0.35	0.27	0.30	0.32	0.38	0.43
d. Never or hardly ever	0.14	0.13	0.14	0.12	0.16	0.11	0.15	0.16	0.11	0.14	0.16	0.16
z. No Response	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01
11. How often does your social studies teacher ask you to use what you have learned in Economics, History, Geography, and Civics to solve real-life problems?												
a. Every class	0.16	0.16	0.17	0.20	0.12	0.25	0.12	0.26	0.19	0.15	0.10	0.11
b. Most classes	0.23	0.23	0.24	0.21	0.24	0.23	0.25	0.22	0.22	0.23	0.25	0.28
c. Some classes	0.31	0.33	0.30	0.30	0.39	0.31	0.32	0.27	0.31	0.31	0.36	0.30
d. Never or hardly ever	0.28	0.28	0.28	0.29	0.25	0.20	0.30	0.23	0.27	0.30	0.29	0.30
z. No Response	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.00	0.01
12. How often does your social studies teacher ask you to use primary sources such as documents, diaries, and artifacts?												
a. Every class	0.08	0.08	0.09	0.11	0.10	0.11	0.06	0.18	0.11	0.07	0.04	0.04
b. Most classes	0.19	0.18	0.19	0.20	0.16	0.21	0.18	0.21	0.20	0.18	0.20	0.20
c. Some classes	0.35	0.37	0.34	0.33	0.33	0.37	0.37	0.31	0.34	0.36	0.38	0.42
d. Never or hardly ever	0.36	0.35	0.37	0.35	0.40	0.30	0.38	0.26	0.34	0.38	0.37	0.33
z. No Response	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.01	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
13. How often do you learn Geography in your social studies class?												
a. Every class	0.13	0.12	0.15	0.16	0.10	0.14	0.12	0.22	0.16	0.11	0.11	0.13
b. Most classes	0.26	0.27	0.26	0.25	0.30	0.28	0.27	0.24	0.25	0.25	0.32	0.38
c. Some classes	0.39	0.39	0.38	0.35	0.43	0.40	0.40	0.31	0.35	0.41	0.41	0.36
d. Never or hardly ever	0.20	0.20	0.20	0.22	0.15	0.17	0.20	0.19	0.23	0.21	0.16	0.11
z. No Response	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.03	0.01	0.01	0.01	0.01
14. How often do you learn Civics and Government in your social studies class?												
a. Every class	0.13	0.13	0.14	0.16	0.11	0.16	0.11	0.25	0.15	0.11	0.10	0.09
b. Most classes	0.28	0.27	0.29	0.26	0.28	0.28	0.29	0.22	0.27	0.28	0.31	0.38
c. Some classes	0.38	0.39	0.37	0.35	0.42	0.37	0.39	0.30	0.34	0.39	0.42	0.41
d. Never or hardly ever	0.20	0.20	0.20	0.22	0.17	0.17	0.20	0.20	0.23	0.20	0.17	0.10
z. No Response	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.03	0.01	0.01	0.01	0.01
15. How often do you learn Economics in your social studies class?												
a. Every class	0.10	0.10	0.10	0.12	0.08	0.11	0.08	0.17	0.13	0.08	0.07	0.08
b. Most classes	0.25	0.24	0.26	0.22	0.25	0.28	0.26	0.25	0.23	0.25	0.27	0.31
c. Some classes	0.38	0.39	0.37	0.35	0.43	0.38	0.40	0.30	0.34	0.39	0.45	0.42
d. Never or hardly ever	0.26	0.26	0.26	0.29	0.22	0.22	0.25	0.24	0.28	0.27	0.19	0.17
z. No Response	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.03	0.01	0.01	0.01	0.02
16. How often do you learn History in your social studies class?												
a. Every class	0.21	0.20	0.22	0.24	0.19	0.22	0.20	0.26	0.24	0.21	0.19	0.17
b. Most classes	0.31	0.32	0.31	0.28	0.31	0.32	0.34	0.22	0.28	0.33	0.36	0.39
c. Some classes	0.32	0.34	0.31	0.30	0.37	0.33	0.33	0.31	0.29	0.33	0.36	0.34
d. Never or hardly ever	0.14	0.13	0.14	0.16	0.11	0.11	0.13	0.18	0.18	0.13	0.08	0.08
z. No Response	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.03	0.01	0.01	0.01	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
17. Do you feel your social studies class has prepared you to do well on the DSTP social studies test?												
a. Yes	0.80	0.80	0.81	0.81	0.78	0.84	0.79	0.78	0.83	0.80	0.80	0.81
b. Somewhat	0.15	0.16	0.14	0.13	0.19	0.12	0.17	0.11	0.13	0.16	0.17	0.16
c. No	0.03	0.03	0.04	0.04	0.02	0.02	0.03	0.07	0.03	0.03	0.03	0.01
z. No Response	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.04	0.01	0.01	0.01	0.02
18. How hard did you try to do well on the DSTP social studies test?												
a. Very hard	0.91	0.93	0.89	0.89	0.85	0.89	0.92	0.76	0.90	0.92	0.94	0.95
b. Somewhat hard	0.06	0.05	0.08	0.07	0.11	0.07	0.06	0.13	0.07	0.06	0.05	0.03
c. Not hard	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.08	0.02	0.01	0.00	0.00
z. No Response	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.03	0.01	0.01	0.01	0.01
Grade 6 Science												
1. How often do you have science homework?												
a. Almost every day	0.16	0.16	0.16	0.17	0.18	0.20	0.15	0.21	0.18	0.15	0.15	0.16
b. Once or twice a week	0.42	0.41	0.42	0.40	0.44	0.44	0.42	0.33	0.39	0.42	0.46	0.45
c. Once or twice a month	0.14	0.14	0.14	0.11	0.15	0.13	0.16	0.10	0.10	0.14	0.17	0.19
d. Never or hardly ever	0.27	0.29	0.26	0.31	0.23	0.22	0.26	0.32	0.31	0.28	0.22	0.20
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.04	0.02	0.01	0.01	0.00
2. How often do you actually use scientific equipment (e.g., balances, rulers, thermometers, hand lenses, etc.) in your science class?												
a. Almost every day	0.20	0.20	0.20	0.19	0.22	0.15	0.21	0.22	0.18	0.19	0.21	0.23
b. Once or twice a week	0.41	0.40	0.41	0.38	0.45	0.40	0.42	0.33	0.35	0.41	0.44	0.48
c. Once or twice a month	0.20	0.20	0.21	0.19	0.22	0.21	0.21	0.15	0.18	0.21	0.23	0.20
d. Never or hardly ever	0.18	0.19	0.17	0.22	0.11	0.22	0.15	0.24	0.26	0.19	0.11	0.09
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.05	0.02	0.01	0.01	0.00

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
3. How often do you share your ideas and reports with students in your class?												
a. Almost every day	0.41	0.44	0.39	0.43	0.37	0.38	0.41	0.37	0.40	0.40	0.45	0.49
b. Once or twice a week	0.27	0.27	0.28	0.25	0.34	0.30	0.28	0.24	0.25	0.28	0.29	0.29
c. Once or twice a month	0.14	0.13	0.14	0.11	0.18	0.14	0.15	0.11	0.11	0.15	0.13	0.14
d. Never or hardly ever	0.16	0.15	0.17	0.19	0.10	0.16	0.15	0.23	0.21	0.17	0.12	0.08
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.05	0.02	0.01	0.01	0.00
4. In your science class, how often does your teacher ask you to write explanations in your journals or notebooks?												
a. Almost every day	0.66	0.67	0.65	0.66	0.68	0.68	0.66	0.56	0.63	0.67	0.70	0.69
b. Once or twice a week	0.19	0.20	0.19	0.18	0.22	0.16	0.20	0.15	0.19	0.20	0.18	0.20
c. Once or twice a month	0.06	0.05	0.06	0.06	0.06	0.05	0.06	0.11	0.06	0.05	0.06	0.04
d. Never or hardly ever	0.08	0.07	0.08	0.08	0.04	0.08	0.08	0.13	0.10	0.07	0.06	0.06
z. No Response	0.01	0.01	0.02	0.02	0.01	0.03	0.01	0.05	0.02	0.01	0.01	0.01
5. Do you think what you have learned in your science class helps you understand the world better?												
a. Yes	0.55	0.54	0.57	0.53	0.62	0.62	0.55	0.58	0.53	0.54	0.58	0.62
b. Somewhat	0.39	0.41	0.37	0.40	0.35	0.32	0.39	0.28	0.38	0.41	0.38	0.35
c. No	0.05	0.04	0.05	0.06	0.03	0.03	0.04	0.09	0.07	0.04	0.03	0.03
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.05	0.02	0.01	0.01	0.00
6. Do you feel your science class has prepared you to do well on the DSTP science test?												
a. Yes	0.67	0.67	0.68	0.62	0.64	0.65	0.72	0.62	0.62	0.67	0.74	0.74
b. Somewhat	0.25	0.27	0.24	0.29	0.31	0.26	0.23	0.25	0.27	0.27	0.21	0.22
c. No	0.06	0.06	0.06	0.08	0.04	0.06	0.05	0.08	0.09	0.06	0.04	0.04
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.05	0.02	0.01	0.01	0.00

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
7. How hard did you try to do well on the DSTP science test?												
a. Very hard	0.86	0.90	0.82	0.84	0.87	0.84	0.88	0.73	0.83	0.87	0.89	0.90
b. Somewhat hard	0.11	0.08	0.13	0.12	0.11	0.11	0.10	0.15	0.11	0.11	0.10	0.09
c. Not hard	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.07	0.03	0.01	0.01	0.01
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.05	0.02	0.01	0.01	0.00
Grade 6 Social Studies												
8. How often does your social studies teacher ask you to use maps for more than just locating places (e.g., collect evidence from maps to support your answer)?												
a. Every class	0.11	0.11	0.11	0.15	0.09	0.12	0.09	0.19	0.14	0.10	0.05	0.05
b. Most classes	0.33	0.32	0.33	0.30	0.32	0.35	0.34	0.23	0.33	0.34	0.35	0.32
c. Some classes	0.39	0.40	0.39	0.37	0.43	0.37	0.41	0.35	0.37	0.40	0.47	0.47
d. Never or hardly ever	0.15	0.15	0.15	0.16	0.15	0.14	0.15	0.16	0.15	0.15	0.14	0.16
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.06	0.01	0.01	-	-
9. How often does your social studies teacher ask you to collect information from graphs or charts to explain or justify your answers?												
a. Every class	0.13	0.11	0.14	0.17	0.10	0.16	0.10	0.22	0.17	0.10	0.07	0.07
b. Most classes	0.29	0.30	0.29	0.30	0.29	0.30	0.29	0.29	0.30	0.29	0.28	0.25
c. Some classes	0.40	0.41	0.38	0.35	0.45	0.37	0.43	0.28	0.36	0.42	0.49	0.45
d. Never or hardly ever	0.17	0.17	0.17	0.16	0.16	0.13	0.18	0.14	0.15	0.17	0.16	0.23
z. No Response	0.02	0.01	0.02	0.02	0.01	0.03	0.01	0.07	0.01	0.01	-	-
10. How often does your social studies teacher ask you to apply the concepts and knowledge you have learned in Economics, History, Geography, and Civics to solve real-life problems?												
a. Every class	0.17	0.17	0.18	0.20	0.15	0.18	0.15	0.23	0.19	0.15	0.18	0.19
b. Most classes	0.30	0.29	0.30	0.26	0.34	0.30	0.31	0.23	0.28	0.31	0.34	0.35
c. Some classes	0.32	0.34	0.31	0.31	0.31	0.34	0.33	0.31	0.32	0.33	0.32	0.29
d. Never or hardly ever	0.19	0.20	0.19	0.20	0.20	0.15	0.19	0.18	0.19	0.20	0.16	0.17
z. No Response	0.02	0.01	0.02	0.02	0.00	0.03	0.01	0.07	0.02	0.01	-	-

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
11. How often does your social studies teacher ask you to use primary sources such as documents, diaries, and artifacts?												
a. Every class	0.11	0.10	0.12	0.16	0.10	0.11	0.08	0.23	0.14	0.09	0.06	0.10
b. Most classes	0.23	0.21	0.24	0.20	0.24	0.26	0.24	0.20	0.24	0.22	0.23	0.20
c. Some classes	0.36	0.37	0.35	0.33	0.40	0.36	0.37	0.28	0.33	0.37	0.45	0.33
d. Never or hardly ever	0.29	0.31	0.28	0.29	0.26	0.25	0.30	0.23	0.27	0.31	0.27	0.37
z. No Response	0.01	0.01	0.02	0.02	0.00	0.03	0.01	0.06	0.01	0.01	0.00	-
12. How often does your social studies teacher ask you to explain why there are often different interpretations of the same event?												
a. Every class	0.15	0.14	0.16	0.18	0.12	0.18	0.12	0.23	0.19	0.13	0.09	0.11
b. Most classes	0.30	0.30	0.30	0.29	0.30	0.31	0.31	0.28	0.30	0.31	0.32	0.34
c. Some classes	0.35	0.37	0.34	0.32	0.42	0.34	0.38	0.30	0.33	0.37	0.40	0.34
d. Never or hardly ever	0.18	0.18	0.18	0.19	0.16	0.14	0.18	0.14	0.16	0.19	0.18	0.22
z. No Response	0.02	0.01	0.02	0.02	0.00	0.03	0.01	0.06	0.02	0.01	0.00	-
13. How often do you learn Geography in your social studies class?												
a. Every class	0.17	0.18	0.17	0.20	0.15	0.16	0.17	0.23	0.20	0.16	0.13	0.14
b. Most classes	0.35	0.34	0.35	0.31	0.36	0.38	0.36	0.27	0.31	0.37	0.42	0.41
c. Some classes	0.34	0.34	0.33	0.32	0.38	0.31	0.35	0.28	0.33	0.34	0.37	0.39
d. Never or hardly ever	0.12	0.13	0.12	0.15	0.10	0.12	0.11	0.16	0.15	0.12	0.07	0.05
z. No Response	0.02	0.01	0.02	0.02	0.01	0.03	0.01	0.07	0.02	0.01	0.00	0.01
14. How often do you learn Civics and Government in your social studies class?												
a. Every class	0.18	0.17	0.19	0.23	0.19	0.20	0.15	0.25	0.22	0.17	0.13	0.15
b. Most classes	0.32	0.32	0.33	0.30	0.37	0.33	0.33	0.26	0.31	0.33	0.37	0.38
c. Some classes	0.34	0.36	0.33	0.32	0.33	0.35	0.36	0.28	0.33	0.35	0.42	0.37
d. Never or hardly ever	0.14	0.14	0.13	0.14	0.10	0.09	0.15	0.15	0.14	0.14	0.08	0.10
z. No Response	0.02	0.01	0.02	0.02	0.00	0.03	0.01	0.07	0.02	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
15. How often do you learn Economics in your social studies class?												
a. Every class	0.13	0.12	0.14	0.17	0.13	0.14	0.11	0.22	0.15	0.12	0.10	0.12
b. Most classes	0.29	0.27	0.31	0.28	0.31	0.30	0.29	0.25	0.29	0.29	0.30	0.34
c. Some classes	0.38	0.40	0.36	0.34	0.36	0.41	0.40	0.29	0.36	0.39	0.45	0.39
d. Never or hardly ever	0.18	0.19	0.17	0.19	0.19	0.12	0.19	0.18	0.18	0.19	0.15	0.14
z. No Response	0.02	0.01	0.02	0.02	0.01	0.03	0.01	0.06	0.02	0.01	0.00	0.01
16. How often do you learn History in your social studies class?												
a. Every class	0.43	0.43	0.43	0.43	0.40	0.39	0.43	0.40	0.42	0.44	0.42	0.46
b. Most classes	0.32	0.32	0.33	0.30	0.39	0.34	0.33	0.24	0.30	0.34	0.36	0.32
c. Some classes	0.18	0.18	0.17	0.19	0.18	0.19	0.17	0.19	0.20	0.17	0.18	0.19
d. Never or hardly ever	0.05	0.05	0.05	0.07	0.02	0.05	0.05	0.11	0.06	0.04	0.03	0.03
z. No Response	0.02	0.01	0.02	0.02	0.01	0.03	0.01	0.06	0.02	0.01	0.00	-
17. Do you feel your social studies class has prepared you to do well on the DSTP social studies test?												
a. Yes	0.61	0.60	0.63	0.59	0.52	0.61	0.63	0.59	0.62	0.61	0.64	0.61
b. Somewhat	0.30	0.32	0.28	0.30	0.42	0.30	0.29	0.24	0.29	0.32	0.28	0.35
c. No	0.07	0.07	0.08	0.09	0.05	0.05	0.07	0.10	0.07	0.07	0.08	0.04
z. No Response	0.02	0.01	0.02	0.02	0.00	0.03	0.01	0.07	0.02	0.01	0.00	-
18. How hard did you try to do well on the DSTP social studies test?												
a. Very hard	0.86	0.90	0.82	0.83	0.89	0.83	0.88	0.70	0.83	0.89	0.92	0.93
b. Somewhat hard	0.11	0.08	0.13	0.12	0.09	0.11	0.10	0.16	0.13	0.09	0.07	0.06
c. Not hard	0.02	0.01	0.03	0.03	0.01	0.03	0.01	0.07	0.03	0.01	0.01	0.01
z. No Response	0.02	0.01	0.02	0.02	0.01	0.03	0.01	0.07	0.02	0.01	0.00	-

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
Grade 8 Science												
1. How often do you have science homework?												
a. Almost every day	0.16	0.15	0.17	0.17	0.21	0.15	0.15	0.18	0.16	0.15	0.15	0.16
b. Once or twice a week	0.36	0.37	0.36	0.33	0.41	0.35	0.39	0.30	0.37	0.38	0.41	0.40
c. Once or twice a month	0.18	0.18	0.18	0.17	0.21	0.17	0.18	0.16	0.17	0.19	0.19	0.22
d. Never or hardly ever	0.27	0.28	0.25	0.28	0.16	0.28	0.26	0.30	0.29	0.26	0.25	0.22
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.01	0.07	0.02	0.01	0.01	0.00
2. How often do you actually use scientific equipment (e.g., balances, microscopes, thermometers, probes, calculators, hand lenses, etc.) in your science class?												
a. Almost every day	0.12	0.12	0.12	0.15	0.10	0.10	0.11	0.14	0.13	0.12	0.12	0.09
b. Once or twice a week	0.34	0.35	0.34	0.32	0.36	0.32	0.37	0.29	0.32	0.38	0.36	0.40
c. Once or twice a month	0.34	0.35	0.34	0.31	0.43	0.34	0.36	0.29	0.35	0.35	0.37	0.38
d. Never or hardly ever	0.16	0.15	0.17	0.18	0.10	0.18	0.15	0.21	0.17	0.14	0.14	0.13
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.01	0.07	0.02	0.01	0.01	0.00
3. What does your teacher usually do for the experiment/lab in your science class?												
a. The teacher does the experiment/lab and then asks students questions.	0.11	0.09	0.14	0.12	0.10	0.16	0.10	0.18	0.13	0.09	0.05	0.06
b. The teacher prepares the experiment/lab, demonstrates the experiment/lab, and then asks students to complete it.	0.37	0.38	0.35	0.36	0.31	0.32	0.38	0.33	0.39	0.38	0.38	0.35
c. The teacher prepares the experiment/lab and then asks students to do the experiment/lab.	0.32	0.32	0.32	0.29	0.36	0.29	0.34	0.26	0.31	0.32	0.37	0.40
d. The teacher and students decide what scientific question to investigate and how to investigate it. Then the teacher asks students to do the experiment/lab.	0.17	0.19	0.15	0.17	0.22	0.17	0.17	0.15	0.15	0.19	0.18	0.18
z. No Response	0.03	0.03	0.04	0.06	0.01	0.06	0.02	0.08	0.03	0.02	0.01	0.00

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
4. How often do you discuss possible solutions, evidence or data in small groups or pairs?												
a. Almost every day	0.30	0.32	0.29	0.32	0.28	0.27	0.30	0.26	0.32	0.32	0.33	0.30
b. Once or twice a week	0.38	0.38	0.38	0.36	0.45	0.39	0.39	0.35	0.36	0.40	0.41	0.40
c. Once or twice a month	0.19	0.18	0.20	0.18	0.16	0.19	0.20	0.19	0.21	0.18	0.18	0.20
d. Never or hardly ever	0.09	0.09	0.10	0.09	0.10	0.09	0.10	0.12	0.09	0.08	0.07	0.10
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.08	0.02	0.01	0.01	0.00
5. In your science class, how often does your teacher ask you to write explanations in your journals, lab reports or on tests?												
a. Almost every day	0.50	0.51	0.49	0.50	0.52	0.50	0.50	0.41	0.50	0.54	0.55	0.52
b. Once or twice a week	0.25	0.26	0.24	0.24	0.26	0.24	0.27	0.24	0.25	0.26	0.27	0.27
c. Once or twice a month	0.12	0.12	0.12	0.12	0.15	0.13	0.13	0.14	0.13	0.11	0.11	0.14
d. Never or hardly ever	0.09	0.08	0.10	0.10	0.06	0.07	0.09	0.14	0.10	0.07	0.06	0.07
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.08	0.02	0.01	0.01	0.00
6. Do you think that the knowledge you have learned in your science class helps you understand the world better?												
a. Yes	0.50	0.48	0.53	0.42	0.63	0.50	0.55	0.36	0.43	0.54	0.61	0.71
b. Somewhat	0.38	0.41	0.34	0.42	0.32	0.37	0.36	0.41	0.46	0.37	0.31	0.25
c. No	0.09	0.09	0.09	0.11	0.04	0.08	0.08	0.16	0.09	0.07	0.06	0.03
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.08	0.02	0.01	0.01	0.00
7. Do you feel your science class has prepared you to do well on the DSTP science test?												
a. Yes	0.55	0.53	0.57	0.45	0.60	0.51	0.62	0.37	0.46	0.60	0.69	0.79
b. Somewhat	0.31	0.34	0.29	0.37	0.31	0.31	0.28	0.37	0.39	0.30	0.25	0.17
c. No	0.10	0.11	0.10	0.13	0.08	0.12	0.08	0.18	0.12	0.08	0.05	0.03
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.02	0.01	0.00

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
8. How hard did you try to do well on the DSTP science test?												
a. Very Hard	0.75	0.80	0.69	0.71	0.77	0.74	0.77	0.63	0.75	0.78	0.80	0.82
b. Somewhat hard	0.18	0.15	0.22	0.20	0.20	0.18	0.17	0.23	0.19	0.17	0.17	0.15
c. Not hard	0.04	0.02	0.05	0.04	0.03	0.03	0.03	0.06	0.03	0.03	0.02	0.03
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.08	0.03	0.02	0.01	0.00
Grade 8 Social Studies												
9. How often does your social studies teacher ask you to use maps for more than just locating places (e.g., collect evidence from maps to support your answer)?												
a. Every class	0.08	0.07	0.09	0.10	0.09	0.11	0.06	0.13	0.09	0.06	0.04	0.03
b. Most classes	0.26	0.26	0.26	0.28	0.23	0.26	0.25	0.27	0.29	0.25	0.22	0.21
c. Some classes	0.43	0.45	0.42	0.39	0.51	0.40	0.47	0.36	0.40	0.48	0.51	0.51
d. Never or hardly ever	0.19	0.20	0.19	0.18	0.16	0.17	0.21	0.17	0.19	0.20	0.22	0.24
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
10. How often does your social studies teacher ask you to collect information from graphs or charts to explain or justify your answer?												
a. Every class	0.09	0.08	0.11	0.11	0.08	0.12	0.08	0.14	0.10	0.07	0.08	0.05
b. Most classes	0.26	0.26	0.26	0.27	0.26	0.28	0.25	0.27	0.27	0.25	0.23	0.29
c. Some classes	0.42	0.44	0.40	0.38	0.45	0.36	0.46	0.35	0.40	0.47	0.48	0.45
d. Never or hardly ever	0.20	0.20	0.19	0.19	0.20	0.18	0.20	0.18	0.20	0.20	0.20	0.21
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
11. How often does your social studies teacher ask you to apply the concept and knowledge you have learned in Economics, History, Geography, and Civics to solve real life problems?												
a. Every class	0.18	0.17	0.19	0.20	0.19	0.16	0.17	0.17	0.19	0.18	0.18	0.21
b. Most classes	0.29	0.28	0.29	0.28	0.28	0.28	0.29	0.29	0.30	0.28	0.30	0.24
c. Some classes	0.31	0.32	0.30	0.28	0.31	0.32	0.32	0.30	0.30	0.32	0.34	0.36
d. Never or hardly ever	0.19	0.20	0.18	0.18	0.20	0.18	0.20	0.17	0.19	0.21	0.18	0.17
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
12. How often does your social studies teacher ask you to use primary sources, such as documents, diaries, and artifacts?												
a. Every class	0.11	0.10	0.13	0.13	0.13	0.12	0.09	0.14	0.13	0.10	0.08	0.06
b. Most classes	0.24	0.23	0.25	0.24	0.25	0.28	0.24	0.24	0.26	0.24	0.22	0.25
c. Some classes	0.36	0.38	0.34	0.32	0.39	0.33	0.39	0.31	0.35	0.38	0.43	0.43
d. Never or hardly ever	0.25	0.27	0.24	0.25	0.23	0.22	0.26	0.25	0.24	0.27	0.26	0.26
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
13. How often does your social studies teacher ask you to explain why there are often different interpretations of the same event?												
a. Every class	0.15	0.15	0.16	0.18	0.16	0.14	0.14	0.20	0.15	0.14	0.15	0.14
b. Most classes	0.31	0.31	0.32	0.30	0.32	0.33	0.32	0.27	0.31	0.34	0.34	0.32
c. Some classes	0.33	0.35	0.32	0.31	0.37	0.34	0.35	0.30	0.34	0.34	0.39	0.36
d. Never or hardly ever	0.16	0.18	0.15	0.16	0.15	0.13	0.17	0.16	0.18	0.17	0.11	0.17
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
14. How often do you learn Geography in your social studies class?												
a. Every class	0.11	0.09	0.12	0.15	0.08	0.10	0.09	0.17	0.13	0.09	0.04	0.03
b. Most classes	0.27	0.27	0.27	0.28	0.26	0.29	0.26	0.29	0.29	0.26	0.25	0.21
c. Some classes	0.42	0.45	0.40	0.37	0.50	0.39	0.46	0.31	0.41	0.48	0.50	0.48
d. Never or hardly ever	0.17	0.17	0.16	0.15	0.16	0.16	0.18	0.16	0.16	0.16	0.20	0.27
z. No Response	0.03	0.03	0.04	0.05	0.01	0.06	0.02	0.08	0.02	0.01	0.01	0.01
15. How often do you learn Civics and Government in your social studies class?												
a. Every class	0.22	0.22	0.21	0.25	0.22	0.23	0.19	0.24	0.24	0.20	0.21	0.21
b. Most classes	0.40	0.40	0.40	0.36	0.41	0.37	0.43	0.32	0.38	0.44	0.47	0.45
c. Some classes	0.27	0.28	0.27	0.25	0.28	0.27	0.29	0.25	0.27	0.29	0.27	0.30
d. Never or hardly ever	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.11	0.09	0.06	0.05	0.03
z. No Response	0.04	0.03	0.05	0.05	0.02	0.06	0.02	0.08	0.03	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
16. How often do you learn Economics in your social studies class?												
a. Every class	0.15	0.14	0.16	0.17	0.12	0.13	0.13	0.18	0.16	0.13	0.11	0.12
b. Most classes	0.31	0.32	0.31	0.29	0.31	0.33	0.33	0.28	0.32	0.32	0.35	0.33
c. Some classes	0.38	0.39	0.36	0.35	0.42	0.39	0.39	0.32	0.37	0.41	0.43	0.40
d. Never or hardly ever	0.13	0.13	0.13	0.14	0.13	0.10	0.13	0.15	0.14	0.12	0.11	0.14
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
17. How often do you learn History in your social studies class?												
a. Every class	0.50	0.53	0.47	0.49	0.53	0.48	0.51	0.41	0.50	0.53	0.63	0.60
b. Most classes	0.30	0.29	0.31	0.28	0.34	0.30	0.32	0.28	0.30	0.32	0.27	0.32
c. Some classes	0.13	0.13	0.14	0.14	0.11	0.14	0.13	0.17	0.15	0.12	0.09	0.06
d. Never or hardly ever	0.03	0.02	0.04	0.03	0.01	0.03	0.03	0.06	0.03	0.02	0.01	0.02
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01
18. Do you feel your social studies class has prepared you to do well on the DSTP social studies test?												
a. Yes	0.39	0.35	0.42	0.36	0.37	0.40	0.40	0.37	0.39	0.40	0.39	0.44
b. Somewhat	0.39	0.42	0.36	0.39	0.44	0.39	0.39	0.36	0.39	0.41	0.44	0.39
c. No	0.19	0.20	0.18	0.19	0.17	0.15	0.19	0.20	0.20	0.18	0.17	0.16
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.08	0.02	0.01	0.00	0.01
19. How hard did you try to do well on the DSTP social studies test?												
a. Very hard	0.72	0.77	0.67	0.67	0.73	0.72	0.75	0.58	0.71	0.77	0.82	0.86
b. Somewhat hard	0.20	0.18	0.23	0.22	0.21	0.20	0.19	0.26	0.21	0.19	0.16	0.11
c. Not hard	0.04	0.03	0.06	0.05	0.05	0.03	0.04	0.08	0.05	0.03	0.02	0.02
z. No Response	0.03	0.02	0.04	0.05	0.01	0.06	0.02	0.07	0.02	0.01	0.00	0.01

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
Grade 11 Opportunity to Learn												
1. How often do you talk about what you have learned in school with someone at home?												
a. Almost every day	0.33	0.35	0.30	0.30	0.22	0.25	0.36					
b. Once or twice a week	0.32	0.33	0.31	0.29	0.35	0.37	0.33					
c. Once or twice a month	0.16	0.16	0.16	0.17	0.22	0.19	0.14					
d. Never or hardly ever	0.14	0.13	0.16	0.16	0.18	0.14	0.13					
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04					
2. Do your parents (or your guardian) encourage you to do your best in school?												
a. Yes	0.82	0.85	0.80	0.80	0.79	0.83	0.84					
b. Somewhat	0.10	0.10	0.10	0.10	0.13	0.10	0.09					
c. No	0.03	0.02	0.04	0.03	0.05	0.02	0.03					
z. No Response	0.05	0.04	0.06	0.08	0.03	0.05	0.04					
3. How much time do you usually spend on your homework each school day?												
a. Two or more hours	0.17	0.21	0.13	0.19	0.42	0.15	0.15					
b. About an hour	0.43	0.44	0.43	0.43	0.36	0.49	0.43					
c. I usually don't have homework	0.23	0.23	0.24	0.21	0.10	0.21	0.25					
d. I usually don't do my homework	0.11	0.09	0.14	0.09	0.08	0.11	0.13					
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04					
4. How much time do you usually spend watching television on each school day?												
a. Three hours or more	0.20	0.20	0.21	0.33	0.15	0.20	0.14					
b. About two hours	0.28	0.27	0.29	0.26	0.25	0.30	0.29					
c. About an hour	0.33	0.34	0.31	0.24	0.34	0.33	0.37					
d. None	0.14	0.15	0.13	0.10	0.23	0.13	0.16					
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04					

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
5. How much time do you usually spend using a computer at home for school-related learning (homework internet research, etc.) on each school day?												
a. Two or more hours	0.16	0.17	0.16	0.23	0.29	0.17	0.12					
b. About an hour	0.26	0.28	0.24	0.26	0.39	0.25	0.26					
c. Some, but less than an hour	0.40	0.40	0.39	0.31	0.24	0.37	0.45					
d. None or do not have a computer at home	0.13	0.11	0.14	0.12	0.05	0.16	0.13					
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04					
6. How important is it to you to do well in school?												
a. Very important	0.70	0.78	0.62	0.76	0.74	0.75	0.66					
b. Somewhat important	0.19	0.15	0.23	0.11	0.18	0.16	0.23					
c. Not sure	0.04	0.02	0.05	0.03	0.02	0.03	0.04					
d. Not important	0.02	0.01	0.03	0.02	0.03	0.01	0.02					
z. No Response	0.05	0.04	0.07	0.08	0.04	0.05	0.04					
Grade 11 Science												
7. How often do you have science homework?												
a. Almost every day	0.21	0.20	0.21	0.18	0.40	0.20	0.21	0.15	0.17	0.21	0.25	0.36
b. Once or twice a week	0.36	0.37	0.35	0.32	0.33	0.36	0.38	0.28	0.34	0.38	0.44	0.39
c. Once or twice a month	0.14	0.13	0.14	0.15	0.09	0.16	0.13	0.15	0.14	0.14	0.12	0.11
d. Never or hardly ever	0.24	0.26	0.23	0.27	0.15	0.24	0.24	0.31	0.30	0.23	0.15	0.12
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04	0.11	0.05	0.03	0.04	0.02
8. How often do you actually use scientific equipment (e.g., balances, microscopes, thermometers, probes, calculators, hand lenses, etc.) in your science class?												
a. Almost every day	0.13	0.13	0.13	0.14	0.19	0.11	0.13	0.13	0.12	0.14	0.14	0.16
b. Once or twice a week	0.28	0.28	0.28	0.27	0.26	0.26	0.29	0.21	0.27	0.30	0.31	0.31
c. Once or twice a month	0.33	0.34	0.31	0.29	0.37	0.35	0.34	0.26	0.31	0.34	0.35	0.37
d. Never or hardly ever	0.21	0.21	0.21	0.23	0.15	0.23	0.20	0.29	0.25	0.18	0.15	0.14
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04	0.11	0.05	0.03	0.04	0.02

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
9. What does your teacher usually do for the experiment/lab in your science class?												
a. The teacher does the experiment/lab and then asks students questions.	0.11	0.09	0.12	0.12	0.14	0.11	0.10	0.16	0.13	0.09	0.08	0.07
b. The teacher prepares the experiment/lab, demonstrates the experiment/lab, and then asks students to complete it.	0.29	0.29	0.28	0.30	0.23	0.32	0.28	0.29	0.32	0.29	0.24	0.23
c. The teacher prepares the experiment/lab and then asks students to do the experiment/lab.	0.40	0.42	0.38	0.34	0.49	0.37	0.43	0.28	0.35	0.43	0.49	0.54
d. The teacher and students decide what scientific question to investigate and how to investigate it. Then the teacher asks students to do the experiment/lab.	0.14	0.15	0.14	0.14	0.09	0.15	0.15	0.14	0.14	0.15	0.15	0.13
z. No Response	0.06	0.05	0.08	0.09	0.05	0.05	0.05	0.13	0.06	0.04	0.04	0.02
10. How often do you discuss possible solutions or evidence or data in small groups or pairs?												
a. Almost every day	0.23	0.22	0.23	0.25	0.16	0.23	0.22	0.20	0.23	0.24	0.23	0.21
b. Once or twice a week	0.33	0.32	0.33	0.32	0.33	0.33	0.33	0.28	0.31	0.34	0.35	0.36
c. Once or twice a month	0.22	0.22	0.22	0.20	0.26	0.24	0.22	0.22	0.22	0.22	0.22	0.25
d. Never or hardly ever	0.17	0.19	0.16	0.15	0.22	0.16	0.18	0.19	0.19	0.17	0.17	0.16
z. No Response	0.05	0.04	0.07	0.08	0.03	0.05	0.04	0.11	0.05	0.03	0.04	0.02
11. In your science class, how often does your teacher ask you to write explanations in your journals, lab reports or on tests?												
a. Almost every day	0.23	0.21	0.24	0.25	0.14	0.26	0.22	0.24	0.24	0.24	0.21	0.17
b. Once or twice a week	0.28	0.28	0.29	0.26	0.30	0.30	0.29	0.23	0.27	0.31	0.31	0.32
c. Once or twice a month	0.23	0.25	0.21	0.20	0.30	0.19	0.25	0.17	0.22	0.23	0.28	0.33
d. Never or hardly ever	0.20	0.21	0.19	0.21	0.21	0.19	0.20	0.25	0.22	0.19	0.16	0.16
z. No Response	0.06	0.04	0.07	0.09	0.04	0.06	0.04	0.12	0.05	0.03	0.04	0.03

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
12. Do you think that the knowledge you have learned in your science class helps you understand the world better?												
a. Yes	0.37	0.33	0.40	0.31	0.48	0.40	0.38	0.28	0.29	0.38	0.49	0.56
b. Somewhat	0.40	0.44	0.36	0.42	0.35	0.41	0.38	0.38	0.43	0.42	0.34	0.31
c. No	0.18	0.19	0.17	0.18	0.13	0.14	0.19	0.22	0.22	0.17	0.12	0.11
z. No Response	0.06	0.04	0.07	0.08	0.04	0.05	0.04	0.11	0.05	0.03	0.04	0.02
13. Do you feel your science class has prepared you to do well on the DSTP science test?												
a. Yes	0.29	0.26	0.33	0.23	0.33	0.26	0.32	0.21	0.23	0.30	0.39	0.49
b. Somewhat	0.39	0.41	0.36	0.40	0.37	0.44	0.38	0.36	0.40	0.40	0.41	0.32
c. No	0.26	0.29	0.24	0.29	0.26	0.25	0.25	0.32	0.32	0.26	0.17	0.16
z. No Response	0.06	0.04	0.07	0.08	0.04	0.05	0.04	0.11	0.05	0.03	0.04	0.03
14. How hard did you try to do well on the DSTP science test?												
a. Very Hard	0.46	0.50	0.42	0.44	0.38	0.53	0.47	0.40	0.46	0.49	0.48	0.46
b. Somewhat hard	0.36	0.37	0.36	0.36	0.42	0.33	0.36	0.31	0.37	0.38	0.37	0.39
c. Not hard	0.12	0.09	0.15	0.11	0.17	0.08	0.12	0.17	0.12	0.10	0.11	0.13
z. No Response	0.06	0.04	0.07	0.09	0.04	0.05	0.05	0.12	0.05	0.03	0.04	0.03
Grade 11 Social Studies												
15. How often does your social studies teacher ask you to use maps for more than just locating places (e.g., collect evidence from maps to support your answer)?												
a. Every class	0.08	0.06	0.10	0.10	0.02	0.07	0.08	0.13	0.09	0.06	0.05	0.03
b. Most classes	0.22	0.21	0.23	0.25	0.16	0.28	0.20	0.24	0.24	0.21	0.16	0.16
c. Some classes	0.38	0.39	0.36	0.35	0.40	0.35	0.39	0.32	0.37	0.41	0.44	0.46
d. Never or hardly ever	0.27	0.29	0.24	0.22	0.38	0.24	0.29	0.23	0.26	0.29	0.31	0.32
z. No Response	0.06	0.04	0.07	0.08	0.04	0.06	0.04	0.09	0.04	0.03	0.04	0.03

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
16. How often does your social studies teacher ask you to collect information from graphs or charts to explain or justify your answer?												
a. Every class	0.10	0.08	0.11	0.13	0.04	0.09	0.08	0.14	0.11	0.07	0.05	0.03
b. Most classes	0.26	0.26	0.26	0.27	0.18	0.30	0.26	0.26	0.27	0.27	0.24	0.26
c. Some classes	0.40	0.42	0.38	0.36	0.49	0.38	0.42	0.34	0.40	0.44	0.46	0.47
d. Never or hardly ever	0.19	0.20	0.18	0.16	0.25	0.16	0.20	0.18	0.19	0.19	0.21	0.21
z. No Response	0.06	0.04	0.07	0.08	0.04	0.06	0.05	0.09	0.04	0.03	0.04	0.03
17. How often does your social studies teacher ask you to apply the concept and knowledge you have learned in Economics, History, Geography, and Civics to solve real life problems?												
a. Every class	0.19	0.19	0.19	0.22	0.13	0.20	0.18	0.20	0.21	0.18	0.16	0.16
b. Most classes	0.28	0.28	0.28	0.26	0.26	0.29	0.29	0.26	0.29	0.30	0.28	0.25
c. Some classes	0.29	0.30	0.28	0.27	0.31	0.30	0.30	0.26	0.29	0.31	0.33	0.32
d. Never or hardly ever	0.18	0.18	0.18	0.16	0.26	0.15	0.19	0.18	0.17	0.18	0.19	0.24
z. No Response	0.06	0.04	0.07	0.09	0.04	0.06	0.05	0.09	0.04	0.03	0.04	0.03
18. How often does your social studies teacher ask you to use primary sources, such as documents, diaries, and artifacts?												
a. Every class	0.13	0.13	0.14	0.15	0.09	0.13	0.13	0.14	0.15	0.13	0.11	0.11
b. Most classes	0.27	0.26	0.28	0.25	0.28	0.26	0.28	0.23	0.27	0.29	0.34	0.32
c. Some classes	0.33	0.35	0.32	0.29	0.40	0.37	0.35	0.28	0.33	0.37	0.35	0.43
d. Never or hardly ever	0.20	0.22	0.18	0.22	0.19	0.18	0.20	0.25	0.22	0.19	0.16	0.11
z. No Response	0.06	0.04	0.07	0.09	0.05	0.06	0.05	0.10	0.04	0.03	0.04	0.03
19. How often does your social studies teacher ask you to explain why there different interpretations of the same event?												
a. Every class	0.18	0.17	0.19	0.20	0.17	0.18	0.17	0.18	0.19	0.17	0.17	0.19
b. Most classes	0.31	0.31	0.30	0.29	0.27	0.31	0.32	0.26	0.31	0.33	0.32	0.35
c. Some classes	0.32	0.33	0.30	0.29	0.35	0.32	0.33	0.30	0.31	0.33	0.35	0.35
d. Never or hardly ever	0.14	0.15	0.13	0.13	0.16	0.13	0.14	0.16	0.14	0.14	0.11	0.07
z. No Response	0.06	0.05	0.08	0.09	0.05	0.06	0.05	0.10	0.04	0.03	0.05	0.04

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
20. How often do you learn Geography in your social studies class?												
a. Every class	0.07	0.06	0.09	0.10	0.05	0.09	0.06	0.12	0.08	0.06	0.02	0.02
b. Most classes	0.18	0.16	0.20	0.20	0.12	0.19	0.17	0.21	0.21	0.16	0.13	0.09
c. Some classes	0.40	0.42	0.38	0.38	0.40	0.40	0.41	0.35	0.41	0.43	0.44	0.39
d. Never or hardly ever	0.28	0.31	0.26	0.23	0.39	0.26	0.31	0.23	0.26	0.32	0.36	0.46
z. No Response	0.06	0.05	0.07	0.09	0.05	0.06	0.05	0.10	0.04	0.03	0.04	0.03
21. How often do you learn Civics and Government in your social studies class?												
a. Every class	0.25	0.26	0.23	0.24	0.19	0.27	0.25	0.23	0.27	0.25	0.23	0.24
b. Most classes	0.30	0.29	0.30	0.29	0.30	0.31	0.30	0.28	0.30	0.30	0.32	0.30
c. Some classes	0.29	0.30	0.28	0.28	0.31	0.27	0.30	0.27	0.28	0.32	0.31	0.32
d. Never or hardly ever	0.11	0.11	0.11	0.10	0.15	0.10	0.11	0.13	0.11	0.10	0.09	0.11
z. No Response	0.06	0.04	0.07	0.08	0.05	0.06	0.05	0.09	0.04	0.03	0.04	0.03
22. How often do you learn Economics in your social studies class?												
a. Every class	0.21	0.22	0.20	0.21	0.13	0.24	0.21	0.20	0.24	0.22	0.17	0.15
b. Most classes	0.26	0.26	0.26	0.27	0.26	0.27	0.26	0.25	0.28	0.27	0.26	0.25
c. Some classes	0.31	0.32	0.30	0.30	0.36	0.31	0.32	0.30	0.31	0.33	0.35	0.37
d. Never or hardly ever	0.15	0.15	0.15	0.13	0.21	0.12	0.16	0.15	0.14	0.15	0.17	0.19
z. No Response	0.06	0.05	0.08	0.09	0.05	0.06	0.05	0.10	0.04	0.03	0.05	0.04
23. How often do you learn History in your social studies class?												
a. Every class	0.54	0.58	0.51	0.53	0.48	0.50	0.56	0.43	0.54	0.59	0.66	0.68
b. Most classes	0.20	0.19	0.22	0.21	0.25	0.21	0.20	0.22	0.21	0.21	0.15	0.15
c. Some classes	0.14	0.14	0.14	0.13	0.13	0.17	0.14	0.17	0.15	0.12	0.11	0.10
d. Never or hardly ever	0.06	0.05	0.06	0.05	0.09	0.06	0.06	0.09	0.06	0.05	0.04	0.04
z. No Response	0.06	0.04	0.07	0.09	0.05	0.06	0.04	0.09	0.04	0.02	0.05	0.03

Answer	All	F	M	AA	A	H	W	Well Below the Standard	Below the Standard	Meets the Standard	Exceeds the Standard	Distinguished
24. Do you feel your social studies class has prepared you to do well on the DSTP social studies test?												
a. Yes	0.34	0.31	0.37	0.31	0.28	0.31	0.35	0.29	0.33	0.37	0.43	0.38
b. Somewhat	0.42	0.45	0.38	0.42	0.42	0.47	0.41	0.38	0.43	0.44	0.42	0.45
c. No	0.19	0.19	0.18	0.19	0.26	0.16	0.19	0.24	0.21	0.17	0.11	0.13
z. No Response	0.06	0.04	0.07	0.09	0.04	0.06	0.05	0.09	0.04	0.03	0.04	0.04
25. How hard did you try to do well on the DSTP social studies test?												
a. Very hard	0.46	0.50	0.42	0.45	0.36	0.51	0.46	0.39	0.47	0.50	0.48	0.47
b. Somewhat hard	0.36	0.36	0.36	0.36	0.41	0.34	0.36	0.34	0.37	0.37	0.38	0.39
c. Not hard	0.13	0.10	0.15	0.11	0.19	0.09	0.14	0.17	0.13	0.11	0.10	0.10
z. No Response	0.06	0.04	0.08	0.09	0.04	0.06	0.05	0.10	0.04	0.02	0.04	0.04

A.A. - African American
A. - Asian
H. - Hispanic
W. - Caucasian

F - Female
M - Male