DATE: August 2016

TO: Robert Sivinski, Office of Information and Regulatory Affairs, Office of Management and Budget

FROM: Patricia Etienne, National Center for Education Statistics

THROUGH: Kashka Kubzdela, National Center for Education Statistics

SUBJECT: National Assessment of Educational Progress (NAEP) 2017 Final Materials Change Request

The National Assessment of Educational Progress (NAEP) 2017-2019 data collections were recently approved in August 2016.

This request is to update the 2017-2019 NAEP clearance with the updated materials for 2017. Specifically, the final survey questions have been selected for 2017. The questions have been selected from those that appear in the "library" presented in Appendix F. In addition, some minor wording changes have been made to many of the items based on pilot and cognitive interview results and final reviews. All of the changes are nonsubstantive in nature. The table presented on the following pages indicates the items that have changed wording from the original version presented in Appendix F, as well as the rationale for the change. The final questionnaires to be administered are presented as a new package document, Appendix I. Note that some of the questionnaires will utilize spiraling in order to minimize respondent burden while maximizing the amount of items that can be piloted. The spiral maps for these questionnaires are also included in Appendix I.

In addition, the final recruitment materials have been updated for 2017 to reflect the specific assessments to be administered. These materials (similar to those presented in Appendix $D$ ) are provided as a new appendix, Appendix J. Notes that two of the materials (Appendices J-15 and J-16) are not yet finalized. The final versions for 2017 will be submitted as a subsequent change request.

This amendment does not change the estimated respondent burden or the cost to the federal government.


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|  |  |  |  | "Chromebooks", <br> "(including <br> Chromebooks)" <br> was added to <br> clarify this item. <br> Additionally, the <br> response options <br> were reordered <br> based on <br> comments from <br> an editorial <br> review. |
| 4 | T | 13. In this school year, did your school provide you with a tablet (for example, Surface Pro, iPad, or Kindle Fire) to use for teaching and class preparation? <br> (4) No <br> (1) Yes, but I cannot take it home. <br> © Yes, and I can take it home. | 18. In this school year, did your school provide you with a tablet (for example, Surface Pro, iPad, Kindle Fire) to use for teaching and class preparation? <br> (d) Yes, and I can take it home. <br> (1) Yes, but I cannot take it home. <br> © No | The response options were reordered based on comments from an editorial review. |
| 5 | T | 4. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. <br> (d) Desktop computers <br> (1) Laptop computers <br> © Tablets (for example, Surface Pro, iPad, Kindle Fire) <br> (1) Other digital devices (Please specify): $\qquad$ | 19. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. <br> (4) Desktop computers <br> (1) Laptop computers (including Chromebooks) <br> © Tablets (for example, Surface Pro, iPad, Kindle Fire) <br> (1) Other digital devices (Please specify): $\qquad$ | Given that approximately $25 \%$ of write-in responses for this item stated "Chromebooks", "(including Chromebooks)" was added to clarify this item. |
| 6 | T | 6. How well do the desktop computers in your school work? <br> (4) All computers are functional and operate quickly. <br> (1) All computers are functional, but some run more slowly than others. <br> © All computers are functional, but all or almost all run slowly. <br> (1) Some of the computers do not operate and cannot be used. <br> (1) Most of the computers do not operate and cannot be used. <br> (1) I don't know. | 20. How well do the desktop computers in your school work? <br> (4) All computers are functional and operate quickly. <br> (1) All computers are functional, but some run more slowly than others. <br> © All computers are functional, but all or almost all run slowly. <br> (1) Some of the computers do not operate and cannot be used. <br> (1) I don't know. | Because very few pilot participants used option e (i.e., Most of the computers...), this option was collapsed into |

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|  |  |  |  |  | option d. |
| 7 | T | 10. How well do the laptop computers in your school work? <br> (1) All computers are functional and operate quickly. <br> (1) All computers are functional, but some run more slowly than others. <br> © All computers are functional, but all or almost all run slowly. <br> (1) Some of the computers do not operate and cannot be used. <br> (1) Most of the computers do not operate and cannot be used. <br> (1) I don't know. | 21. How well do the laptop computers (including Chromebooks) in your school work? <br> (4) All computers are functional and operate quickly. <br> (1) All computers are functional, but some run more slowly than others. <br> © All computers are functional, but all or almost all run slowly. <br> (1) Some of the computers do not operate and cannot be used. <br> (1) I don't know. | xso | Given that approximately $25 \%$ of write-in responses for this item stated "Chromebooks", "(including Chromebooks)" was added to clarify this item. Further, because very few pilot participants used option e (i.e., Most of the computers...), this option was collapsed into option d. |
| 8 | T | 10. How well do the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school work? <br> (8) All computers are functional and operate quickly. <br> (1) All computers are functional, but some run more slowly than others. <br> © All computers are functional, but all or almost all run slowly. <br> (1) Some of the computers do not operate and cannot be used. <br> (D) Most of the computers do not operate and cannot be used. <br> (1) I don't know. | 22. How well do the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school work? <br> (8) All tablets are functional and operate quickly. <br> (1) All tablets are functional, but some run more slowly than others. <br> © All tablets are functional, but all or almost all run slowly. <br> (1) Some of the tablets do not operate and cannot be used. <br> (1) I don't know. |  | Because very few pilot participants used option e (i.e., Most of the computers...), this option was collapsed into option d. |
| 9 | S | 8. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. <br> (d) Desktop computers <br> (1) Laptop computers <br> Q Tablets (for example, Surface Pro, iPad, Kindle Fire) <br> (1) Other digital devices (Please specify): $\qquad$ | 25. In this school year, which of the following types of computers or other digital devices are available in your school for student use? Select all squares that apply. <br> (4) Desktop computers <br> (1) Laptop computers (including Chromebooks) <br> © Tablets (for example, Surface Pro, iPad, Kindle Fire) <br> (1) Other digital devices (Please specify): $\qquad$ | vonem | Given that approximately $25 \%$ of write-in responses for this item stated "Chromebooks", "(including |

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|  |  |  |  |  | Chromebooks)" was added to clarify this item. |
| 10 | S | 10. What is the average age of the desktop computers in your school? <br> (4) Less than 1 year <br> (1) 1-1.9 years <br> © 2-3.9 years <br> (1) 4-5.9 years <br> (1) 6 or more years <br> (1) I don't know. | 26. What is the average age of the desktop computers in your school? <br> (8) Up to 2 years old <br> (1) More than 2 years but less than 4 years old <br> © More than 4 years but less than 6 years old <br> (1) 6 years old or more <br> (1) I don't know. |  | Because very few pilot participants used option a (i.e., Less than 1 year), this option was collapsed into option b. Additionally, the remaining response options were revised for clarity based on expert panel review. |
| 11 | S | 11. What is the total number of laptop computers available for students in your school? Enter the number of laptop computers. $\square$ $\square$ $\square$ | 28. What is the total number of laptop computers (including Chromebooks) available for students in your school? Enter the number of laptop computers. $\square$ |  | Given that approximately $25 \%$ of write-in responses for other piloted technology items stated "Chromebooks", "(including Chromebooks)" was added to clarify this item. |


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| 12 | S | 13. What is the average age of the laptop computers in your school? <br> (d) Less than 1 year <br> (1) 1-1.9 years <br> © 2-3.9 years <br> (1) 4-5.9 years <br> (1) 6 or more years <br> (1) I don't know. | 29. What is the average age of the laptop computers (including Chromebooks) in your school? <br> (4) Up to 2 years old <br> (1) More than 2 years but less than 4 years old <br> © More than 4 years but less than 6 years old <br> (1) 6 years old or more <br> (1) I don't know. | Given that approximately $25 \%$ of write-in responses for other piloted technology items stated "Chromebooks", "(including Chromebooks)" was added to clarify this item. Additionally, because very few pilot participants used option a (i.e., Less than 1 year), this option was collapsed into option b. The remaining response options were revised for clarity based on expert panel review. |
| 13 | S | 12. In your school, where are laptop computers available for students to work? Select all squares that apply. <br> (d) In some classrooms <br> (1) In all classrooms <br> © In a media center <br> (1) In a computer lab <br> (1) In the school library <br> (1) Other (Please specify): $\qquad$ | 30. In your school, where are laptop computers (including Chromebooks) available for students to work? Select all squares that apply. <br> (4) In some classrooms <br> (1) In all classrooms <br> © In a media center <br> (1) In a computer lab <br> (1) In the school library <br> (1) On mobile carts <br> (ब) Other (Please specify): $\qquad$ | Given that approximately $25 \%$ of write-in responses for other piloted technology items stated "Chromebooks", "(including |

* Resp indicates Respondent (ST=Student, T=Teacher, S=School)

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|  |  |  |  | Chromebooks)" <br> was added to clarify this item. Additionally, the response option "On mobile carts" (new sub-item f) was added due to participants regularly referring to them in writein responses. |
| 14 | S | 16. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? <br> (4) Less than 1 year <br> (1) 1-1.9 years <br> © 2-3.9 years <br> (1) 4-5.9 years <br> (1) 6 or more years <br> (1) I don't know. | 32. What is the average age of the tablets (for example, Surface Pro, iPad, Kindle Fire) in your school? <br> (8) Up to 2 years old <br> (1) More than 2 years but less than 4 years old <br> © More than 4 years but less than 6 years old <br> (1) 6 years old or more <br> (1) I don't know. | Because very few pilot participants used option a (i.e., Less than 1 year), this option was collapsed into option b. <br> Additionally, the remaining response options were revised for clarity based on expert panel review. |
| 15 | S | 15. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply. <br> (4) In some classrooms <br> (1) In all classrooms <br> Q In a media center <br> (1) In a computer lab <br> (1) In the school library <br> (1) Other (Please specify): $\qquad$ | 33. In your school, where are tablets (for example, Surface Pro, iPad, Kindle Fire) available for students to work? Select all squares that apply. <br> (4) In some classrooms <br> (1) In all classrooms <br> © In a media center <br> (1) In a computer lab <br> (1) In the school library <br> (1) On mobile carts <br> (ब) Other (Please specify): $\qquad$ | The response option "On mobile carts" (new subitem f) was added due to participants regularly referring to them in writein responses. |

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| 16 | S | 3. Who granted your school's current charter? <br> (2) School district <br> (1) State board of education (includes state board of regents and District of Columbia State Boar of Education) <br> © Postsecondary institution <br> (1) State charter-granting agency <br> (1) City or state public charter school board <br> (1) Other (specify): $\qquad$ |  |  |  |  |  |  | 3. Who granted your school's current charter? <br> (4) School district <br> (1) State board of education (includes state board of regents and District of Columbia State Board of Education) <br> © Postsecondary institution <br> (1) State charter-granting agency <br> (1) City or state public charter school board <br> (1) Other (Please specify): $\qquad$ |  |  |  |  |  |  | ```The word "Please" was added to response option f to improve consistency across survey questionnaire items.``` |
| WRITING OPERATIONAL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 | St | 2. In your English/language arts class this year, how often do you get the following writing assignments? Select one answer choice on each row. |  |  |  |  |  |  | 26. In your English/lang writing assignment | arts clas lect one | this year, how wer choice o | often do you each row. | et the followi | ing |  | To ensure consistency across questionnaires, the phrase "desktop or laptop computer" in original sub-item e was revised to "computer or other digital device". |
|  |  |  | Never | $\begin{array}{\|l\|l\|} \text { About once } \\ \text { or twice a } \end{array}$ $\begin{gathered} \text { or year } \end{gathered}$ | $\begin{array}{\|c} \hline \begin{array}{c} \text { About once } \\ \text { or twice a } \\ \text { month } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c} \hline \begin{array}{c} \text { About once } \\ \text { or twice a } \\ \text { week } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Every day or } \\ \text { almost } \\ \text { every day } \end{array} \\ \hline \end{array}$ |  |  | Never | $\begin{array}{c}\text { About once } \\ \text { or twice a }\end{array}$ or twicevear | About once or twice a month | About once or twice week | $\begin{gathered} \text { Every day or } \\ \text { everost } \\ \text { ever ya } \end{gathered}$ |  |  |
|  |  | a. Assignments that you have to complete under a strict time limit | © | © | $\odot$ | ${ }^{\circ}$ | © | verase | $\begin{aligned} & \text { a. Assignments that you } \\ & \text { have to complete } \\ & \text { within one esssion } \end{aligned}$ | © | , | $\bigcirc$ | , | $\bigcirc$ | nenus |  |
|  |  | b. Assignments that you <br> have to complete <br> within one session | $\oplus$ | $\oplus$ | $\odot$ | $\odot$ | $\oplus$ |  |  | $\oplus$ | ${ }^{\oplus}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | ${ }^{181}$ |  |
|  |  | can work on over extended periods of several class period | © | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | visusas | c. Assignments that you <br> have to complete <br> together with other <br> students | ${ }^{\circ}$ | ${ }^{\circ}$ | $\odot$ | $\oplus$ | $\oplus$ | muaxes |  |
|  |  | $\begin{aligned} & \text { d. Assignments that you } \\ & \text { have to complete } \\ & \text { together with other } \\ & \text { students } \end{aligned}$ | $\bullet$ | $\odot$ | $\odot$ | © | © | vrunoss | d. Assignments that you <br> have to complete on a <br> computer or other <br> digital device | © | ${ }^{( }$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | wes |  |
|  |  | e. Assignments that you have to complete on a desktop or laptop computer | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | 202 |  | $\oplus$ | ${ }^{\oplus}$ | $\odot$ | $\oplus$ | $\oplus$ | nuavers |  |
|  |  | $\begin{array}{c}\text { f. Assignments of two or } \\ \text { more pages (for } \\ \text { example } \\ \text { report) }\end{array}$ paper or | © | $\odot$ | $\bigcirc$ | $\odot$ | © | vizan7 |  |  |  |  |  |  |  |  |




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| 22 | St | 17. Do you think that you would be able to do each of the following? Select one answer choice on each row. |  |  |  |  |  |  | 33. Do you think that you would be able to do each of the following? Select one answer choice on each row. |  |  |  |  |  |  | To further clarify original sub-item b "someone about" was revised to "someone of". |
|  |  |  |  | $\begin{gathered} \text { I probably } \\ \text { can't } \end{gathered}$ | Maybe | $\begin{aligned} & \text { I probably } \\ & \text { can } \end{aligned}$ | $\begin{array}{\|c} \text { I definitely } \\ \text { can } \end{array}$ |  |  | $\begin{aligned} & \text { I definitely } \\ & \text { can't } \end{aligned}$ | $\begin{aligned} & \text { I probably } \\ & \text { can't } \end{aligned}$ | Maybe | $\begin{gathered} \text { I probably } \\ \text { can } \end{gathered}$ | $\begin{array}{\|l} \text { I definitely } \\ \text { can } \end{array}$ |  |  |
|  |  | $\begin{array}{\|l\|} \hline \text { a. Explain something in } \\ \text { my writing } \end{array}$ | $\odot$ | © | $\bigcirc$ | © | © | 511929 | a. Explain something in my writing | $\oplus$ | $\oplus$ | $\odot$ | $\odot$ | © | vв11922 |  |
|  |  | $\begin{array}{\|l} \text { b. Convince someone } \\ \text { about something in } \\ \text { my writing } \end{array}$ | © | $\odot$ | $\odot$ | $\bigcirc$ | $\odot$ | мвия | b. Convince someone of something in my writing | $\triangle$ | © | $\odot$ | $\odot$ | $\odot$ | тйsero |  |
|  |  | c. Tell an imaginary <br> story in my writing | © | $\bigcirc$ | $\bigcirc$ | © | $\odot$ | visıse | c. Tell an imaginary | © | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | visusa |  |
|  |  | $\begin{array}{\|l\|} \hline \text { d. Present a clear } \\ \text { position in my writing } \\ \hline \end{array}$ | $\bigcirc$ | $\bigcirc$ | $\bigcirc$ | $\odot$ | $\odot$ | vıй1яs | d. Present a clear position in my writing | © | © | - | $\odot$ | © | vis11985 |  |
|  |  | e. Support a position <br> with reasons and <br> examples in my <br> writing | © | $\odot$ | $\odot$ | $\odot$ | $\oplus$ | ${ }^{1196}$ | e. <br> Supporth a position <br> with reasons and <br> examples in my | © | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | "1986 |  |
|  |  | $\substack{\text { f. Take different points } \\ \text { of ivew into account } \\ \text { in mpy persuasive } \\ \text { writing }}$ | © | $\odot$ | $\odot$ | $\odot$ | $\oplus$ | 311987 |  |  |  |  |  |  |  |  |
| 23 | St | 13. How often do you w or family using the example, e-mails, bl instant messages, or pages? <br> (4) Never or hardly <br> (B) Once or twice a <br> © Once or twice a <br> (1) Every day or aln | write to you Internetlogs, text or personal <br> y ever <br> month <br> a week <br> most every | friends or <br> essages, eb <br> day |  |  |  |  | 33. How often do you write device (for example, writ or personal web pages)? <br> (1) Never or hardly ever <br> (1) Once or twice a mon <br> © Once or twice a week <br> (1) Every day or almost | to your friend ing e-mails, b <br> th <br> every day | s or family blog posts, te | ng a con message | ter or other instant mess |  |  | To ensure references to technology are up-to-date, "using the Internet" was revised to "computer or other digital device". Further, the examples were placed in parentheses and "e-mails, blogs" were revised to "writing e-mails, blog posts". |




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|  |  |  |  |  |  |  |  |  |  | trend wording and NAEP style guidelines. |
| 29 | T | 28. Which of the following word processi to be able to use for writing? Select on <br> a. Cut, copy, and paste <br> b. Spell-check <br> c. Thesaurus <br> d. Formatting tools (e.g., bold, underline, italics) | ur 8 th <br> h row <br> Yes <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | pected <br> No <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ |  | 14. Which of the following word processi expected to be able to use for writing? | ur eigg <br> cle in <br> Yes <br> $\oplus$ <br> $\oplus$ | dents <br> No <br> $\Phi$ <br> $\Phi$ |  | The phrase "8th grade" was revised to "eighthgrade" for consistency with trend wording and NAEP style guidelines. Further, the word "spell-check" was revised to "spellchecker", per Webster's dictionary: "Spellchecker". |
| 30 | T | 30. Approximately what percentage of the students in your 8th grade English/language arts class meet the expectations regarding their word processing skills?$\square$$\square$$\square$ \% |  |  |  | 15. Approximately what percentage of the students in your eighth-grade English/language arts class meet the expectations regarding their word processing skills?$\square$ \% |  |  |  | The phrase "8th grade" was revised to "eighthgrade" for consistency with trend wording and NAEP style guidelines. |




* Resp indicates Respondent (ST=Student, T=Teacher, S=School)

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|  |  |  |  | revised to "e.g.,". |
| 37 | S | 7. Approximately what percentage of their instructional time are English/language arts teachers in your school expected to devote to each of the following when teaching writing to 8 th grade students? Fill in integer numbers between 1 and 100 on each corresponding row so that the total sums up to 100 . If there is no specific expectation for a particular topic, enter 0 for that row. <br> Development of ideas $\qquad$ \% <br> Organization of ideas $\qquad$ \% <br> Effectiveness of expression (e.g., sentence variety, word choice, tone) $\qquad$ \% <br> Mechanics and conventions (e.g., spelling, grammar, punctuation) $\qquad$ \% <br> Word processing skills $\qquad$ $\%$ <br> Other (Please specify): $\qquad$ $\qquad$ \% | 7. Approximately what percentage of their instructional time are English/language arts teachers in your school expected to devote to each of the following when teaching writing to eighth-grade students? Fill in integer numbers between 1 and 100 on each corresponding row so that the total sums up to 100 . If there is no specific expectation for a particular topic, enter 0 for that row. <br> Development of ideas $\qquad$ \% <br> Organization of ideas $\qquad$ \% <br> Effectiveness of expression (e.g., sentence variety, word choice, tone) $\qquad$ \% <br> Mechanics and conventions (e.g., spelling, grammar, punctuation) $\qquad$ \% <br> Word processing skills $\qquad$ \% <br> Other (Please specify): $\qquad$ $\qquad$ \% | The phrase "8th grade" was revised to "eighthgrade" for consistency with trend wording and NAEP style guidelines. |
| READING OPERATIONAL |  |  |  |  |
| 38 | St | 14. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading? <br> (4) Never <br> (1) Once <br> Q Two or three times <br> (1) Four to five times <br> (1) More than five times | 25. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved reading? <br> (4) Never <br> (1) Once <br> © Two or three times <br> (1) Four or five times <br> (1) More than five times | For consistency with other options, option d was revised from "Four to five times" to "Four or five times". |
| 39 | St | 22. On a typical school day, how much time do you use a computer or other digital device to do your English/language arts schoolwork and homework? Less than 30 minutes 30 minutes up to 1 hour 1 up to 2 hours 2 up to 3 hours 3 up to 4 hours More than 4 hours | 26. On a typical school day, how much time do you use a computer or other digital device to do your English/language arts schoolwork and homework? <br> (4) Less than 30 minutes <br> (B) About 30 minutes <br> © About 1 hour <br> (1) About 2 hours <br> (8) About 3 hours <br> (1) 4 or more hours | To reduce reading burden response options b through f were revised from " 30 minutes up to 1 hour, 1 up to 2 hours, etc." to "About 30 minutes, About 1 hour, etc.". |





* Resp indicates Respondent (ST=Student, T=Teacher, $\mathrm{S}=$ School)




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| 54 | St | 1. How often do you use a computer or other digital device (excluding hand-held calculators) for math at school? <br> (4) Never <br> (B) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (D) Every day or almost every day |  |  |  |  |  |  | 29. How often do you use a computer or other digital device (excluding handheld calculators) for math at school? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | "Hand-held" was revised to "handheld" as per Webster dictionary. |
| 55 | St | 2. How often do you use a computer or other digital device for math homework? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | 24. How often do you use a computer or other digital device (excluding handheld calculators) for math homework? <br> (8) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | For clarity the parenthetical "excluding handheld calculators" was added. |
| 56 | St | 10. This school year, how often did the following things happen in your math class? Select one answer choice on each row. |  |  |  |  |  |  | 32. This school year, how one answer choice on | ften did the $f$ each row. | llowing thin | $s$ happen in yo | ur math class | ? Select |  | To ensure consistency across questionnaires, the phrase "desktop or laptop computers" in original sub-item c was revised to "computers or other digital devices". |
|  |  |  | Never or hardly ever | $\begin{gathered} \text { Less than } \\ \text { half of the } \\ \text { time } \end{gathered}$ | $\begin{aligned} & \text { About half } \\ & \text { of the time } \end{aligned}$ | More than half of the time | $\left\lvert\, \begin{gathered} \text { All or or of } \\ \text { almost till } \\ \text { the time } \end{gathered}\right.$ |  |  | Never or hardly ever | Less than half of the time | About half of the time | More than <br> half of the time | $\left\lvert\, \begin{gathered} \text { All or } \\ \text { almost all of } \\ \text { the time } \end{gathered}\right.$ |  |  |
|  |  | a. My teacher used <br> computers or other <br> digitat devicest to show <br> ush how to works <br> through math <br> problems. | ${ }^{\circ}$ | ${ }^{\bullet}$ | ${ }^{\circ}$ | $\stackrel{\odot}{\odot}$ | ${ }^{\circ}$ | ${ }^{\text {mosata }}$ | a. My teacher used computers or other digital devices to show us how to work through math problems. | $\odot$ | time ¢ | $\odot$ | time <br>  | the time | vingats |  |
|  |  |  |  |  |  |  |  |  | b. I used the Internet for my math work. | © | © | $\odot$ | $\oplus$ | ${ }^{\oplus}$ | 4 |  |
|  |  |  | ${ }^{\circ}$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ${ }^{\circ}$ | nnestas | $\begin{aligned} & \text { c. My teacher used } \\ & \text { computers or other } \\ & \text { digital devices when } \\ & \text { teaching math to my } \end{aligned}$ | © | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | 7 mssor |  |
|  |  | $\begin{aligned} & \text { complete math } \\ & \text { assignents. } \end{aligned}$ |  |  |  |  |  |  | $\begin{array}{\|l\|} \hline \text { d. My teacher required us } \\ \text { to use computers or } \\ \text { other digital devices to } \\ \text { complete math } \\ \text { assignments. } \end{array}$ | © | © | $\odot$ | $\oplus$ | $\oplus$ | 264ta |  |


| \# | Resp | Approved in OMB \#1850-0928 v. 1 |  |  |  |  |  |  | Amended August 201 | 016 |  |  |  |  |  | Rationale for Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 57 | St | 16. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row. |  |  |  |  |  |  | 40. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select one answer choice on each row. |  |  |  |  |  |  | As per NAEP style, a period was added to "lbs" and "67 dollar" was revised " 67dollar". For clarity "by" was revised to "among" in original sub-item b. |
|  |  |  | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { I definitely } \\ \text { can't } \end{array} \\ \hline \hline \end{array}$ | $\begin{gathered} \text { I probably } \\ \text { can't } \end{gathered}$ | Maybe | $\begin{gathered} \text { I probably } \\ \text { can } \end{gathered}$ | $\begin{gathered} \text { I definitely } \\ \text { can } \end{gathered}$ |  |  | I definitely | $\underset{\substack{\text { I probably } \\ \text { can't }}}{ }$ | Maybe | $\begin{aligned} & \text { I probably } \\ & \text { can } \end{aligned}$ | $\begin{array}{\|l\|l\|l\|l\|l\|} \hline \text { I definitely } \\ \text { can } \end{array}$ |  |  |
|  |  | $\begin{array}{\|l\|} \hline \hline \text { a. } \begin{array}{c} \text { Estimate the weight of } \\ 5 \text { apples using pounds } \\ \text { (lbs) } \end{array} \\ \hline \text { b. Divide } 42 \text { stickers by } 6 \\ \text { students } \end{array}$ | © | $\odot$ | $\odot$ | $\odot$ | $\odot$ | nusces | a. Estimate the weight of 5 apples using pounds | - | can | $\bigcirc$ | can | can | nnager |  |
|  |  | c. Calculate how many <br> square feet of tilie you <br> need to coer your <br> classroom floor | © | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | ${ }^{760}$ | $\begin{aligned} & \text { D. } \text { Divideng } 6 \text { students }_{\text {amore }} \\ & \hline \text { c. } \text { Determine a } 20 \\ & \text { percent tip of a } \\ & \text { 67-dollar restaurant } \end{aligned}$ | ${ }^{\oplus}$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | vibisiz |  |
|  |  | d. Determine a a 20 <br> percent tip of a 67 <br> dollar restaurant <br> dinner bill | $\odot$ | $\odot$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | mases | dinner bill <br> d. <br> d. ${ }^{\text {Descrie the }}$ properties shared by |  |  |  |  |  |  |  |
|  |  | e. Estimate the area of your classroom floor using square feet | ${ }^{\circ}$ | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | vmezes |  | $\odot$ | $\Phi$ | $\odot$ | $\odot$ | $\oplus$ |  |  |
|  |  | f. Describe the <br> propertes shared by <br> every isosceles right <br> triangle | ${ }^{\circ}$ | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | ser | carpet needed to cover a rectangular floor if yon know | $\oplus$ | ${ }^{\oplus}$ | $\odot$ | $\oplus$ | $\oplus$ | mesen |  |
|  |  | g. Find the amount of <br> carpet needed to cover <br> a rectanguar floor if <br> you know ir lo length <br> and width | $\odot$ | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | mpesea | $\begin{array}{\|l\|} \hline \text { f. Know when to take a } \\ \text { turkey out of the oven } \\ \text { fif it goes in at } 10: 00 \end{array}$ | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{(1)}$ | gess |  |
|  |  |  | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | ases |  |  |  |  |  |  |  |  |
| 58 | St | 14. How much does each of the following statements describe a person like you? Select one answer choice on each row. |  |  |  |  |  |  | 42. How much does each of the following statements describe a person like you? Select one answer choice on each row. |  |  |  |  |  |  | For tense consistency "things I learned" was revised to "things I learn". |
|  |  |  <br>  <br> a. I enjoy doing math. <br> b. Iook forward to my <br> math class. <br> c.Im interested in the <br> things. <br> math. learned in <br> m. | $\underset{\substack{\text { Not at all } \\ \text { like me }}}{\substack{\text { and }}}$ | $\begin{aligned} & \text { A little bit } \\ & \text { like me } \end{aligned}$ | Somewhat like me | $\begin{aligned} & \text { Quite a bit } \\ & \text { like me } \end{aligned}$ | $\begin{array}{\|c} \text { Exactly like } \\ \text { me } \end{array}$ |  |  | Not at all like me | A little bit like me | Somewhat like me | Quite a bit like me | $\begin{array}{\|c\|} \hline \text { Exactly like } \\ \text { me } \end{array}$ |  |  |
|  |  |  | © | © | $\bigcirc$ | ¢ | $\odot$ | vmases | a. I enjoy doing math. | $\odot$ | ${ }^{1}$ | $\bigcirc$ | $\odot$ | ${ }^{\circ}$ | visems |  |
|  |  |  | $\bigcirc$ | © | $\odot$ | $\odot$ | $\odot$ | mbeses | b. I look forward to my | © | ${ }^{1}$ | $\odot$ | $\odot$ | $\oplus$ | vneges |  |
|  |  |  | © | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ |  | math class. <br> c. I am interested in the <br> c. I am interested in the | $\odot$ | ${ }^{\text {® }}$ | $\odot$ | ${ }_{\odot}{ }^{\circ}$ | Ф | vintrax |  |
|  |  | d. <br> I think making an effort in math is worthwhile. | $\oplus$ | ${ }^{\circ}$ | $\odot$ | $\odot$ | © | mbsas | d. I think making an effort in math is worthwhile | $\oplus$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | vnems |  |
|  |  | e. I think math will help <br> me even when I am <br> not in school. | ${ }^{\circ}$ | ${ }^{\odot}$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ${ }^{\circ}$ |  | $\qquad$ <br> . I think math will help me even when I an not in school. | $\odot$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | vingees |  |
|  |  |  | © |  |  |  |  |  | f. I think it is important to do well in math. | © | (1) | $\odot$ | © | © | 4er |  |
| 59 | St | 11. In this school year, how often have you used a computer or other digital device (excluding hand-held calculators) to complete your math assignments? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | 33. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to complete your math assignments? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | "Hand-held" was revised to "handheld" as per Webster dictionary. |


| \# | Resp | Approved in OMB \#1850-0928 v. 1 |  |  |  |  |  |  | Amended August 2016 |  |  |  |  |  |  | Rationale for Change |
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| 60 | St | 12. In this school year, how often have you used a computer or other digital device (excluding hand-held calculators) to look online for resources for help with your math assignments? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | 34. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to look online for resources for help with your math assignments? <br> (4) Never <br> (1) About once or twice a year <br> Q About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day |  |  |  |  |  |  | "Hand-held" was revised to "handheld" as per Webster dictionary. |
| 61 | St | 13. In this school year, how often have you used a computer or other digital device (excluding hand-held calculators) to take an online practice test? <br> (4) Never <br> (1) Once <br> © Two or three times <br> (1) Four to five times <br> (1) More than five times |  |  |  |  |  |  | 35. In this school year, how often have you used a computer or other digital device (excluding handheld calculators) to take an online practice test? <br> (4) Never <br> (1) Once <br> © Two or three times <br> (1) Four or five times <br> (1) More than five times |  |  |  |  |  |  | "Hand-held" was revised to "handheld" as per Webster dictionary. Further, for consistency with other options, option d was revised from "Four to five times" to "Four or five times". |
| 62 | T | 8. In your mathematics class this year, how often do your students use a computer or other digital device (excluding hand-held calculators) to do each of the following? Select one circle in each row. |  |  |  |  |  |  | 7. In your mathematics class this year, how often do your students use a computer or other digital device (excluding handheld calculators) to do each of the following? Select one circle in each row. |  |  |  |  |  |  | "Hand-held" was revised to "handheld" as per Webster dictionary. |
|  |  |  | Never | $\begin{array}{\|c} \begin{array}{c} \text { About once } \\ \text { or wive a } \\ \text { year } \end{array} \\ \hline \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|c\|c\|} \hline \text { or twiece } \\ \text { month } \\ \hline \end{array}$ | $\begin{array}{\|c\|c\|c\|c\|c\|c\|c\|c\|c\|c\|c\|} \hline \text { or twiek } \\ \text { week } \end{array}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Every day or or most } \\ \text { avery day } \end{array} \\ \hline \end{array}$ |  |  | Never | About once or twice a | About once or twice a | About once or twice a | $\left\lvert\, \begin{gathered} \text { Every day or } \\ \text { almost } \end{gathered}\right.$ |  |  |
|  |  | 2. Practice or review mathematics topics | $\oplus$ | $\oplus$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ |  |  |  |  |  |  | every day |  |  |
|  |  | b. ${ }^{\text {bxtend mathematics }}$ |  |  |  |  |  |  |  | © | ¢ | $\odot$ | © | $\oplus$ |  |  |
|  |  | Iearning with <br> enrichment activities <br> c. Rescarch mathematics | $\stackrel{\square}{\odot}$ | ${ }_{\odot}{ }^{\oplus}$ | ${ }^{\circ}$ | ${ }_{\odot}^{\odot}$ | $\frac{\odot}{\oplus}$ | vesens |  | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | 3 |  |
|  |  | topics on the Internet |  |  |  |  |  |  |  | $\odot$ | Ф | $\odot$ | © | ${ }^{\circ}$ | sens |  |
| 63 | T | 10. In your mathematics class this ycar, so you use any of the following instroctional materials? Select one circle in cach row.$\qquad$$\square$ |  |  |  |  |  |  | 12. In your mathematics class this year, do you use any of the following instructional materials? Select one circle in each row. |  |  |  |  |  |  | Based on pilot data for the writein response, "Materials you have created" was added. |
|  |  |  |  |  |  |  |  |  | 2. Taxtmoke prowida by your |  | Yes |  | No |  |  |  |
|  |  |  |  |  |  | $\oplus$ |  |  |  |  | © |  | ¢ | $\cdots$ |  |  |
|  |  |  |  | of |  | $\oplus$ |  |  | - Other materilh pmevised by your district of |  | ¢ |  | $\oplus$ | --- |  |  |
|  |  |  |  |  | $\pm$ | ${ }^{\circ}$ |  |  | - Materials fous en the loternet |  | ${ }_{\square}^{\infty}$ |  | ¢ | - |  |  |
|  |  |  |  |  |  |  | $\cdots$ |  | C. Other materials (hase speaty, |  |  |  |  |  |  |  |


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| 64 | T | 11. Thinking about your fourth-grade mathematics classes this year, how much emphasis did you place on teaching your students each of the following? Select one circle in each row. |  |  |  |  |  |  | 13. Thinking about your fourth-grade mathematics classes this year, how much emphasis did you place on teaching your students each of the following? Select one circle in each row. |  |  |  |  |  |  | For clarity original sub-item d was disaggregated into two sub-items: "Make assumptions" and "Make approximations". |
|  |  |  <br> a. Determine what the <br> problem is sasing and <br> the best way to solve <br> it <br> . | $\begin{gathered} \text { No } \\ \text { Nophasis } \end{gathered}$ | $\begin{aligned} & \text { Very little } \\ & \text { emphasis } \end{aligned}$ | $\begin{gathered} \text { Some } \\ \text { emphasis } \end{gathered}$ | $\begin{array}{\|c\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline \end{array}$ | A lot of emphasis |  | a. Determine what the problem is asking and ${ }_{\text {it }}^{\text {the }}$ | $\begin{gathered} \text { No } \\ \text { emphasis } \end{gathered}$ | Very little emphasis | Some emphasis | Quite a bit of emphasis | $\begin{gathered} \begin{array}{c} \text { A lot of } \\ \text { amphasis } \end{array} \end{gathered}$ |  |  |
|  |  |  | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | ${ }^{\bullet}$ | verom |  | © | ¢ | $\bigcirc$ | ${ }^{\circ}$ | ¢ | , |  |
|  |  | b. Use alternate methods <br> to solve problems <br> when the first method <br> does not work <br> c. | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\odot$ | $\odot$ | ${ }^{p 24}$ | b. Use alternate methods <br> to solve problems <br> when the first method <br> does not work | © | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | varom |  |
|  |  | c. <br> Explain ones thinking <br> and make connections <br> between models and <br> equations | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\odot}$ | vurovs | c. Explain one's thinking and make connections between models and equations | $\oplus$ | ${ }^{\oplus}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | ${ }^{\text {varums }}$ |  |
|  |  | d. Make assumptions and | $\stackrel{ }{\bullet}$ | $\oplus$ | $\odot$ | $\odot$ | $\oplus$ | 127026 | d. Make assumptions | © | ${ }^{\circ}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | vermas |  |
|  |  | e. Represent a problem |  |  |  |  |  |  | e. Make approximations | $\odot$ | $\oplus^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | vininz |  |
|  |  | $\begin{aligned} & \begin{array}{l} \text { situation with } \\ \text { numbers, words, } \\ \text { pictures, or charts } \end{array} \\ & \hline \end{aligned}$ | © | ${ }^{\circ}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | vizuer |  | © | Ф | $\odot$ | $\oplus$ | $\oplus$ | vinuer |  |
|  |  | f. Understand tools for <br> problem solving and <br> limitations of use <br> g. Use clear and precise | © | $\odot$ | $\odot$ | $\oplus$ | $\odot$ | wars |  | © | ${ }^{\text {® }}$ | $\odot$ | $\oplus$ | ${ }^{\oplus}$ | nupres |  |
|  |  | $\left\lvert\, \begin{gathered} \text { language when } \\ \text { studentsare discussing } \\ \text { their } \\ \text { and roblem sososiving } \end{gathered}\right.$ | © | $\odot$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | viruess |  | © | ${ }^{\text {® }}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | virues |  |
| 65 | T | 10. Thinking about your emphasis did you place circle in each row | ighth-grade on teachin | athematics your studen | asses this $y$ each of th | r, how much following? Sele |  |  | 12. Thinking about your e emphasis did you plac circle in each row. | ghth-grade on teaching | athematics cl your student | sses this yea each of the | , how much ollowing? Select |  | vimas | For clarity original sub-item d was |
|  |  |  | $\begin{array}{\|c} \text { No } \\ \text { emphasis } \end{array}$ | $\begin{aligned} & \text { Very little } \\ & \text { emphasis } \end{aligned}$ | $\begin{aligned} & \text { Some } \\ & \text { emphasis } \end{aligned}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline \end{array}$ | $\begin{aligned} & \text { A lot of } \\ & \text { emphasis } \end{aligned}$ |  |  | $\begin{gathered} \text { No } \\ \text { emphasis } \end{gathered}$ | Very little emphasis | $\begin{gathered} \begin{array}{c} \text { Some } \\ \text { mphasis } \end{array} \end{gathered}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline \end{array}$ | A lot of emphasis |  | disaggregated into |
|  |  | a. Make assumptions and | © | $\odot$ | $\odot$ | ๑ | $\odot$ | Herose | a. Make assumptions | ¢ | ${ }^{\circ}$ | $\bigcirc$ | © | © |  | two sub-items: |
|  |  | b. Use models to explain |  | © |  |  |  | veross | b. Make approximations | $\stackrel{\square}{\circ}$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ¢ | тwimes | "Make |
|  |  | calculations | © | $\odot$ | $\odot$ | $\odot$ | $\odot$ | vivesa | c. Use models to explain calculations | © | ¢ | $\odot$ | $\odot$ | $\stackrel{\square}{\circ}$ | varmen | assumptions" and |
|  |  |  | $\oplus$ | ${ }^{\odot}$ | $\odot$ | $\oplus$ | $\odot$ | nes | $\begin{array}{\|l\|} \hline \text { d. Represent a problem } \\ \text { situation in multiple } \\ \text { ways, including } \\ \text { numbers, words, } \\ \text { pictures, and charts } \\ \hline \end{array}$ | © | ${ }^{\oplus}$ | $\odot$ | $\odot$ | $\oplus$ | viruas | "Make approximations". |
|  |  | $\substack{\text { d. Evaluate a } \\ \text { problem } \\ \text { procesving }}$ <br> c. Create equations | $\stackrel{\otimes}{\oplus}$ | ${ }_{\odot}^{\odot}$ | ${ }^{\circ}$ | ${ }_{\odot}{ }^{\circ}$ | ${ }^{\bullet}$ | ${ }^{\text {vinumas }}$ | e. Evaluate problem-solving process | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | $\oplus$ | nurase | Further, in original |
|  |  | e. Relate what your |  |  |  |  |  |  | f. Create equations | $\stackrel{\square}{\circ}$ | ${ }^{\text {® }}$ | © | © | ¢ | vinuma | sub-item c a |
|  |  | $\begin{array}{\|l\|l} \begin{array}{l} \text { students know to the } \\ \text { real world and make } \\ \text { sense of it makeall } \\ \text { mathematicall } \end{array} \\ \hline \end{array}$ | $\odot$ | $\oplus$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | Os, |  | © | $\oplus$ | $\odot$ | © | ${ }^{\circ}$ | merues | comma was added between |
|  |  | g. Use appropgate <br> terminology when <br> referning to the <br> number system, <br> functions, geometric <br> figures, gad data <br> displays | $\oplus$ | ${ }^{\circ}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | \%2020 | h. Use appropriate terminology when referring to the functions, geometric figures, and data displays | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | nareso | "ways" and "including". |
|  |  | $\substack{\text { tables and graphs to } \\ \text { genarate e euations and } \\ \text { describe relationships }}$ | $\odot$ | $\odot$ | - | $\odot$ | $\odot$ | 502 | i. Examine patterns in <br> tables and graphs so <br> generate equations and <br> describe relationships | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | m |  |



* Resp indicates Respondent (ST=Student, T=Teacher, S=School)

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| :---: | :---: | :---: | :---: | :---: |
| 72 | S | 7. In this school year, what percentage of students has gone to other schools (neighboring middle school, high school, or college) to receive mathematics instruction? <br> (d) $0-10 \%$ <br> (1) $11-20 \%$ <br> © $21-30 \%$ <br> (1) $31-40 \%$ <br> (1) $41-50 \%$ <br> (1) More than $50 \%$ | 3. In this school year, what percentage of students have gone to other schools (neighboring middle school, high school, or college) to receive mathematics instruction? <br> (4) $0-10 \%$ <br> (1) $11-20 \%$ <br> © $21-30 \%$ <br> (1) $31-40 \%$ <br> (1) $41-50 \%$ <br> (1) More than $50 \%$ | For clarity "has gone" was revised to "have gone". |
| MATHEMATICS PILOT |  |  |  |  |
| 73 | St | [Grade 8 Mathematics: Student \#2] <br> How often do you use a computer, tablet, smartphone or gaming console outside of school to play educational games that involve math? <br> A. Never <br> B. About once or twice a year <br> C. About once or twice a month <br> D. About once or twice a week <br> E. Every day or almost every day | 21. How often do you use a computer, tablet, smartphone, or gaming console outside of school to play educational games that involve math? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day | Per style a comma was added after "smartphone". |
| 74 | St | [Grade 8 Mathematics: Student \#3] <br> How often do you use a computer, tablet, smartphone or gaming console outside of school to play popular games that involve math? <br> A. Never <br> B. About once or twice a year <br> C. About once or twice a month <br> D. About once or twice a week <br> E. Every day or almost every day | 22. How often do you use a computer, tablet, smartphone, or gaming console outside of school to play popular games that involve math? <br> (4) Never <br> (1) About once or twice a year <br> © About once or twice a month <br> (1) About once or twice a week <br> (1) Every day or almost every day | Per style a comma was added after "smartphone". |




| \# | Resp | Approved in OMB \#1850-0928 v. 1 |  |  |  |  |  |  | Amended August 2016 |  |  |  |  |  |  | Rationale for Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | T | Thinking about your eighth-grade mathematics classes this year, how much emphasis did you place on teaching your students each of the following? Select one circle in each row. |  |  |  |  |  |  | 5. Thinking about your eighth-grade mathematics classes this year, how much emphasis did you place on teaching your students each of the following? Select one circle in each row. |  |  |  |  |  |  | For clarity original sub-item a was revised to "Use clear and precise language to discuss problem solving and reasoning" and sub-item c was revised to "Represent a problem in multiple ways including using numbers, words, pictures, and charts. Per style, "real life" was revised to "reallife". |
|  |  |  | $\begin{gathered} \text { No } \\ \text { emphasis } \\ \text { A } \end{gathered}$ | $\begin{array}{\|l} \hline \text { Very little } \\ \text { emphasis } \\ \hline \end{array}$ | $\begin{array}{\|c\|c} \hline \text { Some } \\ \text { emphasis } \end{array}$ | $\begin{aligned} & \text { Quite a bit } \\ & \text { of emphasis } \end{aligned}$ | $\begin{array}{\|c\|} \hline \text { A lot of } \\ \text { emphasis } \end{array}$ | TBD |  | $\begin{gathered} \text { No } \\ \text { emphasis } \end{gathered}$ | Very little emphasis emphasis | $\begin{gathered} \text { Some } \\ \text { emphasis } \end{gathered}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline \end{array}$ | A lot of emphasis |  |  |
|  |  | language when students are discussing thei problem solving and reasoning | A |  |  |  |  | TBD |  <br> a. Use clear and precise <br> language to discuss <br> problem solving and | © | © | $\odot$ | $\bigcirc$ | ${ }^{(1)}$ | visases |  |
|  |  | b. Use models to explain calculations | A | B | c | D | E | T8D | b. Use models to explain calculations | © | $\Phi$ | $\odot$ | © | $\oplus$ | vikese |  |
|  |  |  | A | ${ }^{\text {B }}$ | c | D | E | TBD | $\begin{array}{\|l\|l} \hline \text { c. } & \text { Represent a problem } \\ \text { in multiple ways } \\ \text { including usins } \\ \text { numbers, words, } \\ \text { nictures, and charts } \end{array}$ | © | © | $\odot$ | © | $\oplus$ | Hseser |  |
|  |  | d. <br> Use models to examine real life and mathematical examples | A | ${ }^{\text {B }}$ | c | D | E | TBD | d. Use models to examine real-life and mathematical examples | $\oplus$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | wos |  |
|  |  |  |  |  |  |  |  |  | e. Evaluate a <br> problem-solving <br> process | $\oplus$ | ${ }^{1}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | 5 soss |  |
|  |  |  |  |  |  |  |  |  | f. Create equations | - | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | © | visems |  |
|  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { g. Relate what your } \\ & \text { sutents know to the } \\ & \text { real world and make } \\ & \text { senso of } \\ & \text { mathematically } \end{aligned}$ | © | ${ }^{(1)}$ | $\odot$ | © | ${ }^{\circ}$ | useses |  |
|  |  |  |  |  |  |  |  |  | h. Use appropriate terminology when referring to the number system functions, geometric figures, and data displays | © | ${ }^{(1)}$ | $\odot$ | © | $\oplus$ | ntesem |  |
|  |  |  |  |  |  |  |  |  | i. Evaluate the students | © | © | $\odot$ | $\oplus$ | ${ }^{\circ}$ | nssom |  |
|  |  |  |  |  |  |  |  |  | $\begin{aligned} & \text { jxamine patterns in } \\ & \text { tables and graphs to } \\ & \text { describe relationships } \end{aligned}$ | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | пкае\% |  |


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| 80 | T | [Grades 8 Mathematic: Teacher \#3] <br> Thinking about your eighth-grade mathematics classes this year, how often do you incorporate the following practices when teaching your students? Select one circle in each row. |  |  |  |  |  |  | 6. Thinking about your eighth-grade mathematics classes this year, how often do you incorporate the following practices when teaching your students? Select one circle in each row. |  |  |  |  |  |  | For consistency across mathematics questionnaires the sub-items were revised so that the gerund ends in "ing" (e.g., posing, using). For clarity "for student learning" was removed from original sub-item b. |
|  |  |  |  |  | Sometimes | often | Always or almost always |  |  | $\begin{aligned} & \text { Never or } \\ & \text { hardly ever } \end{aligned}$ | Once in a while | Sometimes | Often | Always or almost always alway |  |  |
|  |  |  | A | ${ }^{8}$ | c | D | E | ${ }^{\text {TBD }}$ |  | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | always <br>  | $\square$ |  |
|  |  |  |  |  |  |  |  |  | b. Using overall learning <br> goals to guide <br> instructional decisions | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | visuras |  |
|  |  | c. Provide opportunities for | A | ${ }^{8}$ | c | D | E | TBD | c. Building procedural understanding to encourage the use of multiple problem-solving strategies | © | © | $\odot$ | ${ }^{(1)}$ | ${ }^{( }$ | visuras |  |
|  |  | d. Build procedural understanding to encourage the use of multiple problem-solving strategies | A | ${ }^{8}$ | c | D | E | TBD | d. Providing <br> opportunities for <br> students to <br> productively struggle <br> with mathematical <br> wideas and relationships | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | visuren |  |
| 81 | T | [Grades 8 Mathematic:: Teacher \#4] Thinking about your eighth-grade $m$ your students each of the following? | athematics clas Select one cir |  | r, how much em <br> ow. | phasis did you | ${ }^{\text {a place on tea }}$ |  | 7. Thinking about your ei emphasis did you place circle in each row. | ghth-grade ma on teaching y | thematics cl your student | sses this year, each of the fo | r, how much following? Sele |  | vesatel | For clarity "tools" was revised to |
|  |  | a. Use definitions and | $\underset{\text { emphasis }}{\substack{\text { No }}}$ | $\begin{aligned} & \text { Vervlittle le } \\ & \text { emphasis } \\ & \mathrm{B} \end{aligned}$ | $\begin{array}{c\|c} \hline \text { e } \\ \text { is } \end{array} \begin{gathered} \text { Some } \\ \text { emphasis } \end{gathered}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline D \end{array}$ |  | TBD |  | $\begin{gathered} \text { No } \\ \text { emphasis } \end{gathered}$ | Very little emphasis | $\begin{gathered} \text { Some } \\ \text { emphasis } \end{gathered}$ | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Quite a bit } \\ \text { of emphasis } \end{array} \\ \hline \end{array}$ | $\begin{gathered} \text { A lot of } \\ \text { emphasis } \end{gathered}$ |  | "tables" in original sub-item d. |
|  |  | notation precisely |  |  |  |  |  |  | a. Use definitions and | © | ${ }^{(1)}$ | $\odot$ | © | $\oplus$ | nisrate |  |
|  |  | b. Justify and explain their reasoning | A | B | c | D | E | TBD | b. Justify and explain their reasoning | © | ${ }^{\circ}$ | $\odot$ | $\oplus$ | $\oplus$ | visras |  |
|  |  | c. Identify and correct flawed mathematical reasoning | A | B | c | D | E | T8D | c. Identify and correct flawed mathematical reasoning | $\oplus$ | © | $\odot$ | $\oplus$ | ${ }^{( }$ |  |  |
|  |  | d. Construct arguments using | A | в | c | D | ${ }^{\text {E }}$ | T80 | d. Construct arguments using tables, graphs, or diagrams | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{( }$ | nısuses |  |
|  |  | e. Make, test, and validate conjectures | A | ${ }^{8}$ | c | D | E | T8D | e. Make, test, and validate conjectures | © | Ф | $\odot$ | © | © | nstrues |  |
|  |  | $\begin{aligned} & \text { f. Use examples or } \\ & \text { counterexamples to } \\ & \text { support or refute a } \\ & \text { mathematical conjecture } \end{aligned}$ | A | B | c | D | E | TBD | $\begin{array}{\|l\|l} \text { f. Use examples or } \\ \begin{array}{l} \text { Counterexamples to } \\ \text { support or refetue a a } \\ \text { mathematical } \\ \text { conjecture } \end{array} \\ \hline \end{array}$ | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{( }$ | ${ }_{\text {sut }}$ |  |
|  |  | g. Engage in deductive reasoning and informal proof | A | B | c | D | E | TBD | $\begin{array}{\|l\|} \hline \text { g. Engage in deductive } \\ \text { reasoning and informal } \\ \text { proofs } \end{array}$ | $\odot$ | Ф | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | пиггие |  |



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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 84 | St |  | 13. When you study civics the following statemen row. | and/or Uni |  |  |  | h of <br> on each <br> Exactly like <br> m |  | The stem wording was revised to specifically reference "civics and/or United States government" the item stem and the subject reference was removed from the subitems. |
| 85 | St |  |  |  | (e) ${ }^{\text {ang statement }}$ | describe a pe | (rson like yout |  |  | The sub-items were revised for consistency across questionnaires and all instances of "civics or United States government" were revised to "civics and/or United States government". Sub-items were also revised to improve the alignment between the wording and response options. |



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| \# | Resp | Approved in OMB \#1850-0928 v. 1 | Amended August 2016 |  |  |  |  |  |  |  | Rationale for Change to simplify the wording. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 88 | St |  | 11. Do you think that you would be able to do each of the following? Select one answer choice on each row. |  |  |  |  |  |  |  | The term "and" was revised to "or" in the parenthetical examples in current sub-item c. For original subitem d (current sub-item b) the phrase "social issues" was revised. |
|  |  |  |  | I definitely can't | $\underbrace{\substack{\text { can }}}_{\text {I probe }}$ |  | Maybe | $\begin{gathered} \text { I probably } \\ \text { can } \end{gathered}$ | I definitely |  |  |
|  |  |  |  | $\oplus$ | © |  | $\odot$ | $\odot$ | ${ }^{\circ}$ | тиням\% |  |
|  |  |  |  | $\oplus$ | © |  | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | vusmer |  |
|  |  |  |  | © | © |  | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | nussom |  |
|  |  |  |  | © | Ф |  | $\odot$ | $\odot$ | © | пиusmes |  |
| 89 | St | [Grade 8 Social Sciences: Civics Student \#1] | 1. In which of the following grades have you learned about civics and/or United States government? Select one answer choice on each row. |  |  |  |  |  |  |  | All instances of "civics and United States government" were revised to "civics and/or United States government." As per cog lab feedback, "I don't know" was revised to "I don't remember" for more accuracy. |
|  |  |  |  |  |  | Yes, I took aclass or coursethat includedsome civicsand/or UnitedStatesgovermenttopics. |  |  |  |  |  |
|  |  |  | a. 5th grade | c |  |  |  | $\bigcirc$ | © | $\stackrel{\square}{ }$ |  |
|  |  |  | b. 6th grade | © |  |  |  | $\odot$ | ${ }^{\circ}$ | $\stackrel{\text { vussax }}{ }$ |  |
|  |  |  | c. 7 th grade | © |  |  |  | $\stackrel{\circ}{\circ}$ | $\stackrel{\oplus}{\oplus}$ | $\pm$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |


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| 90 | St | [Grade 8 Social Sciences: Civics Student \#2] | 2. In your social studies class this year, how much have you studied the following topics? Select one answer choice on each row. |  |  |  |  |  |  | The sub-items listing the 3 branches of government in isolation were combined into sub-item b. Subitem e wording was revised to improve clarity. <br> For previous subitem i (current g), additional examples of international organizations were added. Previous subitems j and k were revised and combined into current sub-item h for improved clarity. |
|  |  |  |  | Notatall | Very litte | Some | Quite a bit | A lot |  |  |
|  |  | Ste | 2. The United States | - | ${ }^{\circ}$ | $\odot$ | © | ${ }^{\circ}$ | wsse |  |
|  |  |  | b. The tree branches of |  |  |  |  |  |  |  |
|  |  |  |  | $\odot$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | mens |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | c. How laws are made | $\stackrel{\square}{\circ}$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | ussas |  |
|  |  |  |  | - | - | - | $\odot$ | ¢ | mesma |  |
|  |  | i. International organizations (for example, the United Nations) A B C D <br> Current political events A B C E | e. $\begin{aligned} & \text { State government and } \\ & \text { local government }\end{aligned}$ | $\odot$ | $\oplus$ | - | $\odot$ | $\odot$ | nusse |  |
|  |  |  |  | - | ${ }^{\circ}$ | - | ¢ | © | uspa |  |
|  |  |  |  | ${ }^{\circ}$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\oplus}$ | ${ }^{\circ}$ | wnse |  |
|  |  |  | $\underbrace{\substack{\text { and }}}_{\substack{\text { h. Current political and } \\ \text { social issus }}}$ | - | ${ }^{\circ}$ | $\odot$ | $\stackrel{\square}{\circ}$ | ${ }^{\circ}$ | mesmu |  |
|  |  |  |  |  |  |  |  |  |  |  |


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| 91 | St |  |  |  |  | $\begin{aligned} & \text { you get the } \mathrm{f} \\ & \text { w. } \\ & \begin{array}{c} \text { About half } \\ \text { of the } \\ \text { lessons } \end{array} \end{aligned}$ | $\begin{aligned} & \text { ollowing } \\ & \begin{array}{c} \text { More than } \\ \text { half of the } \\ \text { lessons } \end{array} \end{aligned}$ |  |  | Revisions were made to consistently list plural items in parentheses. |
| 92 | St |  | 8. During this school y school? Select one an | how often <br> er hoice on <br> Never | (eate ${ }_{\text {o you do each }}^{\text {each row. }}$ | of the follow <br> $\substack{\text { About onee } \\ \text { orticee } \\ \text { month }}$ <br> $\odot$ <br> $\odot$ <br> $\odot$ |  | $\begin{array}{\|c} \text { Every day or } \\ \text { allos. } \\ \text { every day } \end{array}$ | Crsors | For sub-item c, the wording was revised to replace the phrase "public officials". For subitem e, the wording was revised to replace the phrase "public affairs". Based on feedback from cog labs, sub-item f was revised to add examples for what "others" refers to. |



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|  |  |  |  |  |  |  |  |  |  | sub-item c. |
| 95 | St | [Grade 8 Social Sciences: Civics Student \#6] | 5. During this school year civics and/or United St | r, how often do you do each of the following when you study tates government? Select one answer choice on each row. |  |  |  |  | v13457502 | In the item stem, the wording of "civics or United States government" was revised to "...and/or..." and the stem was revised overall to improve alignment with the answer choices. Based on probing in cog labs for alternative response options, the options were revised. Sub-item c wording was revised to replace the phrase "world affairs" for improved clarity. Sub-item d was revised for improved clarity and grammar. For sub-item e, wording was revised to replace the phrase "public affairs". For subitem f "and/or" |
|  |  |  |  | $\begin{gathered}\text { Never or } \\ \text { hardly ever }\end{gathered}$ | Once in a while | Sometimes | Often | $\begin{gathered} \text { Always or } \\ \text { almost } \\ \text { always } \end{gathered}$ |  |  |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | © | ${ }^{(1)}$ | \%smas |  |
|  |  |  | b. Study the rights and responsibilities of United States citizens | © | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\text {som }}$ |  |
|  |  |  | c. Examine how the <br> United States <br> influences and is <br> influenced byents <br> in other countries | © | © | $\odot$ | $\odot$ | ${ }^{( }$ | 445 |  |
|  |  |  | d. Compare the roles and <br> responsibilities of <br> Iocal, state, and <br> national govenments <br> in the United States <br> and | © | © | $\odot$ | © | ${ }^{\circ}$ | Us506 |  |
|  |  |  | $\begin{aligned} & \text { e. Study why it is } \\ & \text { important to pay } \\ & \text { attention to the } \\ & \text { political process and } \\ & \text { government } \end{aligned}$ | © | ${ }^{(1)}$ | $\odot$ | © | $\oplus$ | 5sm |  |
|  |  |  | f. Study why it is important for individuals to participate in the political process and government | © | (1) | $\odot$ | © | ${ }^{\circ}$ | ${ }^{1045510}$ |  |
|  |  |  | g. Support an opinion <br> a about an isue or or <br> porblem with reasons <br> and examples <br> . | © | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | 52 |  |
|  |  |  | h. Discuss the political process and government with others | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{( }$ | 575 |  |
|  |  |  |  |  |  |  |  |  |  |  |

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|  |  |  |  |  |  |  |  |  |  | was replaced with "and". |
| 96 | St |  | 6. When you study social studies, how often do you use computers or other digital devices to do the following? For this question, include both schoolwork and homework assignments. Select one answer choice on each row. |  |  |  |  |  |  | All instances of "civics or United States government" were revised to "civics and/or United States government". Sub-item b wording was revised to replace "multimedia" with "different forms of media". Sub-item d was revised to be consistent with the conventions used when listing parenthetical examples. |
|  |  |  |  | Never | $\begin{array}{\|c\|c} \hline \text { About once } \\ \text { or twice a } \\ \text { year } \end{array}$ | $\begin{array}{\|c\|} \hline \text { About once } \\ \text { or twice } \\ \text { month } \end{array}$ | $\begin{array}{\|c} \begin{array}{c} \text { About once } \\ \text { or twice a } \\ \text { week } \end{array} \end{array}$ | $\left\lvert\, \begin{gathered} \text { Every day or } \\ \text { almost } \\ \text { every day } \end{gathered}\right.$ |  |  |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\oplus}$ | ustes |  |
|  |  |  | b. Create reports or <br> proiects about civics <br> and <br> gor United States <br> governent using <br> different forms of <br> media (for example, a <br> slide presentataition that <br> combines text and <br> video clips) | © | ${ }^{(1)}$ | $\odot$ | ${ }^{(1)}$ | ${ }^{( }$ | vinsse |  |
|  |  |  | $\begin{aligned} & \text { c. Participate in online } \\ & \text { discussions about } \\ & \text { civics and/or United } \\ & \text { States government on } \\ & \text { a wessite for example, } \\ & \text { in forums or social } \\ & \text { media) } \\ & \hline \end{aligned}$ | © | ${ }^{(1)}$ | $\odot$ | ${ }^{(1)}$ | ${ }^{\oplus}$ | vussse |  |
|  |  |  | $\begin{aligned} & \text { d. Use the Internet to } \\ & \text { look for evidence or } \\ & \text { sources (for example, } \\ & \text { text documents, } \\ & \text { photographic images, } \\ & \text { or films) } \end{aligned}$ | © | ${ }^{(1)}$ | $\odot$ | © | ${ }^{(1)}$ | Lesss |  |
| 97 | St | [Grade 8 Social Sciences: Geography Student \#17] | 12. When you study geograp describe a person like yo | phy, how ou? Select | ch does each ne answer cho | of the followi ice on each ro | ng statements . |  |  | The item stem was revised to specifically reference geography. Two different versions of this item will be compared in pilot (one with the subject in the stem and one with the subject in the sub-items). |
|  |  | $\qquad$ |  | Not at all like me | A little bit like me | Somewhat like me | Quite a bit like me | $\underset{\text { Exactly like }}{\text { Exe }}$ |  |  |
|  |  |  | $\begin{aligned} & \hline \text { a. I want other students } \\ & \text { to think I am a good } \\ & \text { student. } \\ & \hline \end{aligned}$ | © | ${ }^{\circ}$ | $\odot$ | © | ${ }^{\circ}$ | vistese |  |
|  |  |  | b. I want to show others that my schoolwork is easy for me . | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | 5 scm |  |
|  |  | d. I want to get better grades than most other students in my dass. <br> e. I want to avoid making mistakes in front of my classmates. | c. I want to look smart in comparison to the other students in my class. | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | 5 Ems |  |
|  |  | I want to hide that I have a hard time understanding the material in my class. | d. I want to get better grades than most other students in my class. | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | visesm |  |
|  |  |  |  |  |  |  |  |  |  |  |

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\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \# \& Resp \& Approved in OMB \#1850-0928 v. 1 \& \multicolumn{7}{|l|}{Amended August 2016} \& Rationale for Change \\
\hline 102 \& St \& [Grade 8 Social Sciences: Geography Student \#2] \& \begin{tabular}{l} 
2. In your social studies \\
topics? Select one an \\
\begin{tabular}{|l|}
\hline \\
\hline a. Using physical or \\
digital maps (for \\
example, a road map, \\
MapQuest, or Google \\
Maps) and globes
\end{tabular} \\
\hline \begin{tabular}{l} 
b. \begin{tabular}{l} 
Natural resources (for \\
example, oil, forests, \\
or water)
\end{tabular} \\
\hline c. Countries and cultures \\
\hline d. Environmental issues \\
(for example, \\
pollution, recycling, \\
climate change, or \\
genetically modified \\
food) \\
\hline
\end{tabular} \\
\hline
\end{tabular} \& \begin{tabular}{l}
lass this year, wer choice on \\
Not at all \\
(2) \\
(4) \\
(4) \\
(2)
\end{tabular} \& \begin{tabular}{l}
how much h each row. \\
Very little \\
(1) \\
(1) \\
(I) \\
(1)
\end{tabular} \& ve you studied \& \begin{tabular}{l}
d the followi \\
Quite a bit \\
(1) \\
(1)
\\
©
\end{tabular} \& \begin{tabular}{c}
8 \\
\hline A lot \\
\hline\(\oplus\) \\
\hline\(\oplus\) \\
\hline\(\oplus\) \\
\hline
\end{tabular} \& vuspose \& The item stem and response options were revised based on cog lab data. Sub-items were revised to be consistent in format for parenthetical examples. \\
\hline 103 \& St \& [Grade 8 Social Sciences: Geography Student \#8] \&  \& \begin{tabular}{l}
lass this year e answer cho \\
Never or hardly ever \\
(8) \\
(8) \\
(8) \\
(1) \\
(1)
\end{tabular} \& \begin{tabular}{l}
how often do ce on each r \\
Less than half of the lessons \\
(1) \\
C \\
(D) \\
(1) \\
(1)
\end{tabular} \& \begin{tabular}{l}
you get the fo \\
About half of the lessons \(\odot\) \(\odot\) \(\odot\) \(\odot\) \(\odot\)
\end{tabular} \& \begin{tabular}{l}
llowing \\
More than half of the lessons © © ©

 \& 


\hline | All or |
| :---: |
| almost all of |
| the lessons | \\

\hline$\oplus$ \\
\hline \\
\hline$\varnothing$ \\
\hline$\oplus$ \\
\hline$\oplus$
\end{tabular} \& (1) \& Sub-item c was revised to consistently list plural items in parentheses. \\

\hline
\end{tabular}

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 104 | St |  | 8. During this school yea school? Select one ans | how ofter <br> chover <br> Noice | do you do each <br> each row. | of the followi <br> About once <br> or twice <br> month <br> $\odot$ <br> $\odot$ <br> $\odot$ <br> $\odot$ <br> $\odot$ <br> $\odot$ | ing outside of <br> About once <br> or twice a <br> week <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | Every day or almost every day $\|$ |  | The stem was revised to be consistent with the stem for outside-of-school student engagement items found in civics and United States history. Sub-item a was revised to include another common map, and current subitem $f$ was revised for clarity of wording. |
| 105 | St |  | 3. During this school ye choice on each row. | New ofter <br> $\oplus$ <br> $\otimes$ <br> $\otimes$ | you do each <br> About once or twice a year © <br> ${ }^{\Phi}$ <br> © <br> ${ }^{\oplus}$ <br> © | of the followin <br> $\odot$ | ? Select one <br> About once or twice a week <br> (1) <br> (1) <br> (1) <br> (1) | e answer <br> Every day or <br> almost <br> every day <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | vuenx | Sub-item b was revised to consistently list plural items in parentheses. Subitem e was revised to match the teacher item to provide simpler and clearer wording. |


| \# | Resp | Approved in OMB \#1850-0928 v. 1 | Amended August 2016 |  |  |  |  |  |  | Rationale for Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 106 | St |  | 4. During this school yeaone answer choice on $\|$( <br> a. Gone on class field <br> trips to learn about <br> geography topics <br> b. Given class <br> presentations on <br> geography topics <br> c. Written about your <br> opinion on geographic <br> problems or issues (for <br> example, in a letter, <br> e-mail, or blog post) <br> d. Taken part in <br> environmental debates <br> or panel discussions | r so far, how each row. | ften have yo | done each of <br> Two or <br> three times <br> $\odot$ <br> $\odot$ <br> $\odot$ | the following? <br> Four or five <br> times <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | Select <br> More than <br> five times <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | nen | The verb tense was aligned between subitems b and d and the item stem. The word "position" was revised to "opinion" for improved clarity in sub-item c. |
| 107 | St | [Grade 8 Social Sciences: Geography Student \#6] |  | r, how often answer choi <br> Never or hardly ever <br> © <br> $\odot$ |  | Sometimes <br> $\odot$ <br> $\odot$ <br> $\odot$ <br> $\odot$ |  |  |  | Sub-item b was revised to consistently list plural items in parentheses. For sub-item c , the wording was revised for improved clarity. In order to disaggregate the parallel teacher item, sub-items f and $g$ were formed and the wording revised for improved clarity. Sub-item i was revised to provide simpler wording for "census data". |
|  |  |  |  |  |  |  |  |  |  |  |


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| 108 | St | [Grade 8 Social Sciences: Geography Student \#11] | 6. When you study social studies, how often do you use computers or other digital devices to do the following? For this question, include both schoolwork and homework assignments. Select one answer choice on each row. |  |  |  |  |  |  | Sub-items were revised to consistently list plural items in parentheses. The response options were revised to those used in parallel 2016 Mathematics pilot items. Sub-items a and c were revised to provide simpler wording in place of "anthropologist" and "multimedia". |
|  |  | When you study social studies, how often do you use computers or other digital devices to do the following? For this question, include both schoolwork and homework assignments. |  | Never | $\begin{array}{\|c\|} \hline \text { About once } \\ \text { or twice a } \\ \text { year } \end{array}$ | About once or twice a or twice a month | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { About once } \\ \text { or twice a } \\ \text { week } \end{array} \\ \hline \end{array}$ | $\left\lvert\, \begin{gathered} \text { Every day or } \\ \text { almost } \\ \text { every day } \end{gathered}\right.$ |  |  |
|  |  |  |  | $\odot$ | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | aspes |  |
|  |  |  | b. Organize information about geography topics by creating tables, charts, or graphs | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{( }$ | nuesces |  |
|  |  |  | c. Create reports or projects about geography using different forms of media (for example, a slide presentation that combines text and video clips) | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{( }$ | ${ }^{\text {nussmem }}$ |  |
|  |  |  | d. Participate in online discussions about geography on a website (for example, in forums or social media) | $\oplus$ | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | nuspor |  |
|  |  |  | e. Use the Internet to <br> look for evidence or <br> sources (for example, <br> text documents, <br> photographenic images, <br> or films) | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{( }$ | visms |  |
| 109 | St | [Grade 8 Social sciences: U.S. History Sudent t17] | 13. When you study United States history, how much does each of the following statements describe a person like you? Select one answer choice on each row. |  |  |  |  |  |  | The stem wording was revised to specifically reference "United States history" in order to clarify the item and the subject reference was removed from the subitems. |
|  |  | like you? |  | Not at all like me | $\begin{aligned} & \text { A little bit } \\ & \text { like me } \end{aligned}$ | Somewhat like me | $\begin{array}{c\|} \hline \text { Quite a bit } \\ \text { like me } \end{array}$ | $\begin{array}{\|c} \text { Exactly like } \\ \text { me } \end{array}$ |  |  |
|  |  |  | a. I want other students <br> to think I am a good <br> student. | $\oplus$ | (1) | $\odot$ | © | ${ }^{\oplus}$ | viscers |  |
|  |  |  | b. I want to show others that my schoolwork is easy for me. | $\oplus$ | © | $\odot$ | © | ${ }^{\circ}$ | 15629 |  |
|  |  |  | c. I want to look smart in comparison to the other students in my other class. | © | © | $\odot$ | © | ${ }^{\oplus}$ | 5623 |  |
|  |  |  | d. I want to get better <br> $\begin{array}{l}\text { grades than most other } \\ \text { students in my class. }\end{array}$ | $\oplus$ | © | $\odot$ | ${ }^{\circ}$ | $\oplus$ | ${ }^{16} 5$ |  |



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| 112 | St | [Grade 8 Social Sciences: U.S. History Student \#6] | 11. Do you think that you would be able to do each of the following? Select one answer choice on each row. |  |  |  |  |  |  |  |  | Based on cog lab responses, the wording of current sub-items b, c, and e was revised for improved clarity. Current sub-item d was revised for improved clarity. Current sub-item f was revised to match the teacher item for clearer language. |
|  |  | During this school year, how often do you do each of the following when you study United States history? <br> Less than half of About half of the More than half of All or almos |  | I definitely can't | $\underset{\substack{\text { I prob } \\ \text { can }}}{ }$ |  | May |  | $\begin{aligned} & \text { I probably } \\ & \text { can } \end{aligned}$ | $\begin{aligned} & \text { I definitely } \\ & \text { can } \end{aligned}$ |  |  |
|  |  |  | $\begin{array}{\|l\|} \hline \text { a. Explain the causes and } \\ \hline \text { effects of important } \\ \text { events in United } \\ \text { States history } \end{array}$ | © | © |  | $\odot$ |  | © | © | vueon |  |
|  |  |  | Explain how time periods in United States history are similar or different | © | (1) |  | $\odot$ |  | ${ }^{\circ}$ | ${ }^{(1)}$ |  |  |
|  |  |  | c. Judge whether information from a source (for example, text, visual graphics, video, or audio) is accurate | $\oplus$ | ${ }^{(1)}$ |  | $\odot$ | ${ }^{(1)}$ |  | $\oplus$ | vumeor |  |
|  |  |  | d. Understand the relationship between two historical events | © | © |  | - |  | ${ }^{(1)}$ | $\oplus$ | vuemas |  |
|  |  |  | e. Compare and evaluate different points of view about the past (for example, different ideas about what caused the Civil War) | © | © |  | $\odot$ |  | ${ }^{( }$ | ${ }^{\circ}$ | vumena |  |
|  |  |  | $\begin{array}{\|l} \hline \text { f. Come up with } \\ \text { research questions } \\ \text { about why or how } \\ \text { something happened } \\ \text { in the past (for } \\ \text { eexample, what were } \\ \text { the causes of the Great } \\ \text { Depression) } \end{array}$ | © | © |  | $\odot$ |  | © | ${ }^{\oplus}$ | vumens |  |
|  |  |  |  | © | © |  | $\odot$ |  | $\oplus$ | ${ }^{\oplus}$ | vumen |  |
| 113 | St | [Grade 8 Social Sciences: U.S. History Student \#1] | 1. In which of the follow one answer choice on | ng grades have each row. | ou lea |  |  |  | tes history | Select |  | As per cog lab feedback "I don't |
|  |  |  |  |  |  |  |  |  |  | $\begin{gathered} \text { I don't } \\ \text { remember. } \end{gathered}$ |  | know" was revised to "I don't remember" for |
|  |  | Sthrade ${ }^{\text {a }}$ A B | a. 5th grade | © |  |  |  |  | $\bigcirc$ | ${ }^{1}$ | Hesm |  |
|  |  |  | b. 6th grade | © |  |  |  |  | $\bigcirc$ | $\odot$ | viessm |  |
|  |  |  | c. 7th grade | $\triangle$ |  |  |  |  | $\odot$ | ${ }^{\circ}$ | vuss7u |  |
|  |  |  | d. 8th grade | ¢ |  |  |  |  | $\odot$ | ${ }^{\circ}$ | vuespum |  |


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| 114 | St | [Grade 8 Social Sciences: U.S. History Student \#2] | 2. In your social studies class this year, how much have you studied the following periods of United States history? Select one answer choice on each row. |  |  |  |  |  |  | The stem and response options were revised based on itemspecific probing of respondents. All sub-items were revised to consistently list plural items in parentheses. |
|  |  |  | a. The period before 1815 (for example, age of exploration, colonization, settlement. or American Revolution) | Not at all <br>  <br> $\otimes$ | Very little | Some | Quite a bit | A lot |  |  |
|  |  |  |  |  | © | $\odot$ | ${ }^{\circ}$ | ${ }^{(1)}$ | ${ }^{\text {vusprax }}$ |  |
|  |  |  | $\begin{array}{\|l} \hline \text { b. } 1815 \text { to } 1865 \text { (for } \\ \text { example, expansion, } \\ \text { reform, sectionalism, } \\ \text { or the Civil War) } \end{array}$ | $\odot$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{(1)}$ | -195721 |  |
|  |  |  | c. 1865 to 1945 (for example, <br> industrial growth United States role in world events, immigration, the Great Depression, or the First and Secon World Wars) | $\oplus$ | ${ }^{(1)}$ | $\odot$ | (1) | ${ }^{\circ}$ | vuspra |  |
|  |  |  | d. 1945 to the present <br> (for example, the Cold <br> War, Civil Rights <br> movement, women's <br> rights movement, <br> Vienam War, or <br> environmental <br> movement) | © | ${ }^{(1)}$ | $\odot$ | © | ${ }^{\circ}$ | viesm |  |
| 115 | St | [Grade 8 Social Sciences: U.S. History Student \#8] <br> In your social studies dass this year, how often do you get the following assignments? $\qquad$ | 6. In your social studi assignments? Select | ss this ye answer c | how often ce on each | ou get the | llowing |  |  | Sub-item c was |
|  |  |  |  | Never or hardly ever | $\begin{aligned} & \text { Less than } \\ & \text { halfof the } \\ & \text { lessons } \end{aligned}$ | About half of the lessons | More than half of the lessons | $\left\|\begin{array}{c\|} \text { All or } \\ \text { almost all of } \\ \text { the lessons } \end{array}\right\|$ |  | consistency in listing |
|  |  | 5 phoos, $\mathbf{v e}$ eo,music | a. Assignments that you <br> $\begin{array}{l}\text { have to complete } \\ \text { together with other } \\ \text { students }\end{array}$ <br> b. | © | © | $\odot$ | ${ }^{(1)}$ | ${ }^{\circ}$ | 5 | parenthetical |
|  |  |  | b. Short written responses (for example, a paragraph or less) | $\oplus$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | 4s53s | item e was revised |
|  |  |  | Assignments that different forms of media (for example, photos, videos, or music) | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | Hssan | parallel teacher sub-item. |
|  |  |  | d. Long written responses (for example, several paragraphs) | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | ${ }^{750}$ |  |
|  |  |  | questions based on information from several sources (for example, letters, cartoons, or maps) | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | vestra |  |


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| 116 | St |  | 7. Approximately how many hours a day do you spend on your social studies homework? <br> (8) Less than 30 minutes a day <br> (1) 30 minutes up to 1 hour a day <br> - 1 up to 2 hours a day <br> (1) 2 up to 3 hours a day <br> (1) 3 up to 4 hours a day <br> (1) More than 4 hours a day |  |  |  |  |  |  | The item stem wording was revised to "hours a day" to match the response options. |
| 117 | St |  | 3. During this school year, how often do you do each of the following? Select one answer choice on each row. |  |  |  |  |  |  | Sub-item b was revised for consistency in listing parenthetical examples. Subitems c and f were revised for consistency within the item and with the parallel teacher item, respectively. |
|  |  |  |  | Never | About once or twice a or twice year | About once or twice a month | About once or twice a week | $\begin{array}{\|c\|} \hline \text { Every day or } \\ \text { almost } \\ \text { every day } \end{array}$ |  |  |
|  |  |  | a. Read material from a <br> United States history textbook | © | $\Phi$ | $\bigcirc$ | Wen | $\oplus$ | vuss7s |  |
|  |  |  | b. Read extra material |  |  |  |  |  |  |  |
|  |  |  | history not in the regular textbook (for example, newspapers, magazines, or online sources) | © | $\oplus$ | $\odot$ | © | ${ }^{\oplus}$ | vuess |  |
|  |  |  | c. Use primary sources for example, letters, diaries, photographs, written essays the past) | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | vussess |  |
|  |  |  | d. Discuss material about <br> $\begin{array}{l}\text { United States history } \\ \text { with peers or teachers }\end{array}$ <br> e. | © | ${ }^{\text {® }}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | vuspex |  |
|  |  |  | e. Conduct research <br> about United States <br> history topics for <br> example, in a library <br> or through interviews <br> or observations) | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | vuesma |  |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | \%esps |  |


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| 118 | St |  | 4. During this school year so far, how often have you done each of the following? Select one answer choice on each row. |  |  |  |  |  |  | Sub-items b, d, and e had revisions to the verb tense. Subitem c was revised for replacing the term "position" with "opinion" for improved clarity. |
|  |  |  |  | Never | Once | $\begin{gathered} \text { Two or } \\ \text { three times } \end{gathered}$ | Four or five times | More than five times |  |  |
|  |  |  | a. <br> Gone on class field <br> trips to learr about <br> Unite States history <br> topics | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\circ}$ | 5978 |  |
|  |  |  | b. Given class United States history topics | $\oplus$ | © | $\odot$ | $\oplus$ | $\oplus$ | mp |  |
|  |  |  | c. Written about your <br> opinion on historical <br> issues (for example, in <br> a letter, e-mail, or blog <br> post) | © | ${ }^{1}$ | $\odot$ | $\oplus$ | ${ }^{\oplus}$ | Lssp |  |
|  |  |  | d. Taken part in historical debates or panel discussions | $\oplus$ | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | צs7x |  |
|  |  |  |  | © | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ussm |  |


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| 119 | St |  | 5. During this school year, how often do you do each of the following when you study United States history? Select one answer choice on each row. |  |  |  |  |  |  | Based on cog lab responses, response options were revised, and the wording for sub-items b, c, and d was revised for improved clarity. Sub-item f was revised for consistency with a parallel teacher sub-item. |
|  |  |  |  | Never or hardly ever | Once in a while | Sometimes | Often | $\begin{gathered} \text { Always or } \\ \text { almost } \\ \text { always } \end{gathered}$ |  |  |
|  |  |  | a. Examine the causes <br> and effects of <br> important events in <br> United States history | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | smas |  |
|  |  |  |  | $\oplus$ | © | $\odot$ | © | ${ }^{\circ}$ | mos |  |
|  |  |  | c. Judge whether information from a source (for example, video, or audio) is accurate | $\oplus$ | © | $\odot$ | ${ }^{(1)}$ | ${ }^{( }$ | smos |  |
|  |  |  | d. Analyze the relationship between two historical events | $\oplus$ | © | $\odot$ | $\oplus$ | ${ }^{\circ}$ | Sme |  |
|  |  |  | e. Compare and evaluate different points of view about the past (for example, different caused the Civil War | © | ${ }^{\text {® }}$ | $\odot$ | © | ${ }^{\circ}$ | Smss |  |
|  |  |  | f. Come up with research questions about why or how something happened in the past (for example, what were the causes of the Great Depression) | © | ${ }^{\text {® }}$ | $\odot$ | (1) | ${ }^{\circ}$ | 5s\% |  |
|  |  |  | g. Take and defend a position about a example, how changes in transportation have States economy) | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | $\oplus$ | 二ser |  |


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| 120 | St | [Grade 8 Social Sciences: U.S. History Student \#11] |  |  |  |  |  | 8. When you study social studies, how often do you use computers or other digital devices to do the following? For this question, include both schoolwork and homework assignments. Select one answer choice on each row. |  |  |  |  |  |  | The response options were |
|  |  | Select one answer choice on each row |  | namblice | Smetimes | then | cose |  | Never | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { About once } \\ \text { or twice a } \\ \text { year } \end{array} \\ \hline \end{array}$ | About once or twice a month | $\begin{gathered} \text { About once } \\ \text { or rwiec a } \\ \text { week } \end{gathered}$ | $\begin{array}{c\|} \hline \text { Every day or } \\ \text { almost } \\ \text { every day } \end{array}$ |  | revised to those used in 2016 |
|  |  |  | $\qquad$ |  |  |  |  | $\begin{array}{\|l\|l} \hline \text { a. Use games or apps in } \\ \text { (fhic you pouplay a role } \\ \text { (for example, an } \\ \text { explorer, geographer, } \\ \text { or historian) } \end{array}$ | $\odot$ | ${ }^{(1)}$ | $\odot$ | © | ${ }^{\circ}$ | ussmo | Mathematics pilot items. Based on |
|  |  |  |  |  |  |  |  | b. Organize information <br> about United States <br> history topics by <br> creating tables, charts, <br> or graphs | © | Ф | $\odot$ | $\odot$ | ${ }^{\circ}$ | vusman | cog lab responses, wording in subitems a and c was |
|  |  | Use the Internet to look for evidence or sources (for example <br> e. documents, photographicimages, films) |  |  |  |  | $\varepsilon$ |  | © | Ф | $\odot$ | © | ${ }^{\oplus}$ | vusmes | revised to improve clarity. Sub-item e was |
|  |  |  |  |  |  |  |  | d. Participate in online <br> discussions about <br> United States history <br> on a wesbite (for <br> example, in forums or social media) | © | ${ }^{(1)}$ | $\odot$ | $\odot$ | ${ }^{\oplus}$ | sx | consistency in listing |
|  |  |  |  |  |  |  |  | e. Use the Internet to <br> look for evidence or <br> soorces fore example, <br> text documents, <br> photographicic images, <br> or films) | © | Ф | $\odot$ | ${ }^{\circ}$ | $\oplus$ | 二usmes | examples. |
| 121 | T | [Grade 8 Social Sciences: Teacher \#3] Tea04_000 <br> How many students are in this class? <br> Enter the number of students. FREE RESPONSE |  |  |  |  |  | 2. How many students are in this class? Enter the number of students. If you teach more than one eighth-grade social studies class, please enter the number of students in the class you are using as the basis for answering this survey.$\square$ |  |  |  |  |  | visemen | The item wording was revised to clarify instructions for what social studies class teachers should think about when providing a response. |
|  |  | How many students are in this class? Enter the number of students. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 122 | T | [Grade 8 Social Sciences: Teacher \#1] |  |  |  |  |  | 3. Which best describes your role in teaching social studies to this class? Select all that apply. <br> (1) I teach all or most subjects, including social studies. <br> (1) The only subject I teach is social studies. <br> © We team teach, and I have primary responsibility for teaching social studies. <br> (1) I have primary responsibility for teaching civics and/or United States government. <br> (1) I have primary responsibility for teaching geography. <br> (-) I have primary responsibility for teaching United States history. |  |  |  |  |  | ทบบบア | The phrase "civics or United States government" was revised to "civics and/or United States government". |
|  |  | Which best describes your role in teaching social studies to this <br> dass? Select all that apply. |  |  | \|lomen |  |  |  |  |  |  |  |  |  |  |

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| 125 | T | [Grade 8 Social Sciences: Teacher \#13] | 8. During this school year so far, how often have you done each of the following as part f social studies instruction with this class? Select one circle in each row |  |  |  |  |  |  |  | To align with a parallel student sub-item, minor revisions were made to sub-item <br> d. For sub-item e, the word "position" was revised to "opinion" for improved clarity and consistency with the revised wording of the parallel student item. |
|  |  | Select one circle in each row. Never Once times Four or five times <br> Gone on class field trips to learn about social studies topics     |  | Never |  | Once | $\begin{gathered} \text { Two or } \\ \text { three times } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Four or five } \\ \text { times } \end{array}$ | ${ }_{\text {M }}^{\substack{\text { More than } \\ \text { five times }}}$ |  |  |
|  |  | Had outside speakers in class discuss social studies topics A B C D <br> Had students give class presentations on social studies topics A B C D |  | © |  | ¢ | - | $\odot$ | - | \%nasas |  |
|  |  |  Had students watch movies, videos, or online content about social <br> studies topics A    <br> d.    E E <br> e. Given tests or quizzes on social studies topics A B C D | b. Had outside speakers in class sisulus social studies topics s. | © |  | Ф | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | mess |  |
|  |  |  |  | $\odot$ |  | ${ }^{\oplus}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | mess |  |
|  |  |  |  | - |  | ${ }^{\circ}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | maxs |  |
|  |  |  |  | ${ }^{\circ}$ |  | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | 4 |  |
|  |  |  |  | - |  | ¢ | $\odot$ | $\odot$ | $\oplus$ | mesex |  |
|  |  |  |  | $\odot$ |  | ${ }^{\oplus}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | mams |  |
| 126 | T | Grade 8 Social Sciences: Teacher \#9] To what extent are computers or other digital devices available for students to use in each of the following classes in school (e.g. a classroom or a computer lab | 12. To what extent are co in each of the followin one circle in each row | rs or | r other digi | gital devic | s available | for students t | Useect | numas | The phrase "civics or United States |
|  |  |  |  |  | Notatall | Very li | trte Some | Quite a bit | A lot |  | government" was |
|  |  |  | $\text { a. } \begin{aligned} & \text { Civics and/or } \\ & \text { United States } \\ & \text { government } \end{aligned}$ |  | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ${ }^{\circ}$ | moss | and/or United |
|  |  |  | b. Ceography | ¢ | $\oplus$ | - | $\stackrel{\square}{\odot}$ | $\oplus$ | $\odot$ | - | States |
|  |  |  | c. United States |  | ¢ | - | - | ¢ | ® |  | government". |
| 127 | T | [Grade 8 Scoil scienees Testerer H10] | 11. To what extent do studies instruction? | each | of the follo | owing | ological r | urces for soci |  |  | For consistency |
|  |  |  |  | Notat al | Il ${ }^{\text {V }}$ | little | Some | Quite a bit | A lot |  | with the |
|  |  |  |  | $\odot$ |  | ¢ | $\odot$ | $\odot$ | $\odot$ | msam | abbreviation |
|  |  | Tablet(s) (for example, Surface Pro, iPad, Kindle Fire) <br> B <br> c <br> D E <br> Online content (e.g., online software, podcasts, or streaming | $\begin{aligned} & \text { b. Tablet(s) (e.g., Surface } \\ & \text { Pro, iPad, or Kindle } \\ & \text { Fire) } \\ & \hline \end{aligned}$ | © |  | ¢ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | men | across all teacher |
|  |  | videos) A B C D  <br> Interactive web spaces (e.g., forums where students can interact <br> and share materials)      |  | $\odot$ |  | Ф | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | , mex | and school questionnaires, |
|  |  | Meastemataers | d.diteractive <br> whiteboards | $\stackrel{\square}{ }$ |  | Ф | $\odot$ | $\odot$ | ¢ | menus | "for example" was |
|  |  |  | e. Other idital device(s) | - |  | Ф | $\odot$ | $\odot$ | $\oplus$ | mem | replaced with "e.g." |



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| 130 | T | [Grade 8 Social Sciences: Teacher \#16] | 16. In your social studies class this year, how often do you use each of the following to assess student progress in social studies? Select one circle in each row. |  |  |  |  |  |  | Wording revisions were made to sub-item $b$ to refer more generally to "sources" rather than "documents" and the word "or" was added to the terms in parentheses. |
|  |  |  |  <br> a. Long written <br> responses (e.g, several <br> paragraphs) <br> b. Responses to <br> questions based on <br> information from <br> several sources (e.g., <br> setters cartoons, or <br> maps) | Never | About once or twice a or twice year | About once or twice a month | About once or twice a or twice a wee | $\left\|\begin{array}{c} \text { Every day or } \\ \text { almost } \\ \text { every day } \end{array}\right\|$ |  |  |
|  |  |  |  | © | © | $\odot$ | $\odot$ | ${ }^{\circ}$ | тизз5 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\oplus}$ | vuessal |  |
|  |  |  | c. Portfolios <br> d. Computer-based or online assessments | $\oplus$ | ${ }^{\circ}$ | $\odot$ | $\odot$ | $\oplus$ | \% |  |
|  |  |  |  | © | © | $\odot$ | © | (1) | пии\%sa |  |
| 131 | T | [Grade 8 Social Sciences: Teacher \#22] | 19. In your social studies class this year, how much have you emphasized the following |  |  |  |  |  |  | The phrase "civics or United States government" was |
|  |  |  |  | Not at all | Very little | Some | Quite a bit | A lot |  |  |
|  |  | Select one ecride in eastriow. | a. The United States Constitution | © | © | $\odot$ | © | © | vusumes | revised to "civics |
|  |  |  | b. The three branches of the United States government executive, judicial and legislative branches) |  |  |  |  |  |  | and/or United |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | ${ }^{( }$ | ${ }^{( }$ | ${ }^{\text {vuestio }}$ | States |
|  |  |  |  |  |  |  |  |  |  | government" |
|  |  |  | c. How laws are made <br> d. Political parties, | © | © | $\odot$ | © | © | пия | Based on cog lab |
|  |  |  |  | $\oplus$ | © | $\odot$ | ${ }^{\circ}$ | © | vиез女 | Based on cog lab |
|  |  |  | d. elections, and voting <br> e. State government and <br> local government | © | (1) | $\odot$ | $\oplus$ | © |  | responses, the |
|  |  | Other counteies goverments | f. Other countries' governments (e.g., their structure, hothey are run, or interactions with the United States) |  |  |  |  |  |  | response options |
|  |  |  |  | $\odot$ | ${ }^{( }$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | тняst 17 | were revised. |
|  |  |  |  |  |  |  |  |  |  | Based on cog lab |
|  |  |  | $\begin{array}{\|l\|} \hline \text { g. International } \\ \text { organizations (e.g. the } \\ \text { United Nations, World } \\ \text { Bank, or World Health } \\ \text { Organization) } \\ \hline \end{array}$ | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | vungas | responses for a parallel student item, wording |
|  |  |  | h. Current political and social issues | $\oplus$ | ${ }^{\oplus}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\oplus}$ | vunesis | revisions were |
|  |  |  |  |  |  |  |  |  |  | made to subitems e, $\mathrm{f}, \mathrm{g}$, and <br> h. The sub-items listing the 3 branches of government in isolation were combined into |

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| 136 | T |  | 25. During the past two years, have you attended professional development programs (e.g., training sessions and workshops, including online classes) aimed at improving your ability to teach geography? <br> (8) Yes, I have attended programs that are required by my school or district. <br> (1) Yes, I have attended programs that are not required by my school or district. <br> © No |  |  |  |  |  |  | Based on cog lab responses, the item stem wording was revised to clearly refer to "geographic skills." The response options were expanded to a multiple response format to account for non-mandated professional development. |
| 137 | T |  | 27. In your social studies class this year, how much have you emphasized the following periods of United States history? Select one circle in each row. |  |  |  |  |  |  | The stem and response options were revised to match the parallel Civics item for teacher. All subitems had minor revisions for punctuation, capitalization, and grammar. |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | a. The period before 1815 <br> (e.g., age of <br> exploration, <br> colonization, <br> settlement, or <br> American Revolution) <br> B. | $\oplus$ | ${ }^{(1)}$ | $\odot$ | ${ }^{(1)}$ | $\oplus$ | Lens32 |  |
|  |  |  | $\begin{aligned} & \text { b. } 1815 \text { to } 1865 \text { (e.g., } \\ & \text { expansion, reform, } \\ & \text { sectionalism, or the } \\ & \text { Civil War) } \end{aligned}$ | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | uss |  |
|  |  |  | c. 1865 to 1945 (e.g. Reconstruction, United States role in world events, immigration, the Great Depression, or the First and Second World Wars) | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | 2935s |  |
|  |  |  | d. 1945 to the present <br> (e.g., the Cold War, <br> Civil Rights <br> movement, women's <br> rights movement, <br> Vietnam War, or <br> envirommental <br> movement) | $\triangle$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | uness |  |


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| 138 | T |  |  | lass this ye <br> history Se <br> Notat all <br>  | (en $\begin{gathered}\text { how much } \\ \text { cto one ircle }\end{gathered}$ |  | Quite a bit | A lot |  | The stem and response option wording was revised to match a similar Civics curriculum content item for teacher. |
| 139 | T |  |  | lass shis sch cach of the Not at all |  | $\substack{\text { ch have } \\ \text { nene cirle } \\ \hline \\ \text { Some }}$ <br> $\odot$ <br> $\odot$ <br> $\odot$ <br> $\odot$ | $\substack{\text { iemphasized } \\ \text { n each row. }}$ <br> Quite a bit <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ <br> $\oplus$ | A lot |  | The stem and response option wording was revised to match a similar Civics curriculum content item for teacher. The wording for subitems $b, c$, and $d$ was revised for improved clarity. "For example" was replaced with "e.g." for consistency with the abbreviation conventions used across all teacher and school questionnaires. |

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|  |  |  |  |  |  |  |  |  |  | government". The word "or" was added before "United States history" in subitem f . |
| 142 | S | [Grade 8 Social Sciences: School \#6] <br> How much is your school's social studies program for eighth-graders <br> (e.g., United States history, ivivics or United States government, or geography) structured according to the following resources? <br> Select one dircle in each row. <br> Not at all Very little <br> Some <br> Quite a bit <br> Alot | 2. How much is your school's social studies program for eighth graders (e.g., civics and/or United States government, geography, or United States history) structured according to the following resources? Select one circle in each row. |  |  |  |  |  |  | The parenthetical examples in the item stem were reordered alphabetically and revised for more clarity. Sub-items e and $j$ were revised for clarity and to eliminate overlap between these two subitems. The wording of subitems $f$ and $k$ was revised for improved clarity. |
|  |  |  |  | Not at all | Very little | Some | Quite a bit | A lot |  |  |
|  |  |  | a. $\begin{array}{l}\text { District curriculum } \\ \text { standards or } \\ \text { curriculum guides }\end{array}$ | © | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | Susse |  |
|  |  |  | b. State curriculum standards or frameworks | © | $\Phi$ | $\odot$ | $\odot$ | $\oplus$ | \%ess |  |
|  |  |  | c. National curriculum standards or frameworks | $\triangle$ | ${ }^{(1)}$ | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | vuxass |  |
|  |  |  | d. In-school curriculum frameworks and standards for learning | © | ${ }^{1}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | vu\%ss |  |
|  |  |  | e. Results from district assessments | $\triangle$ | © | $\odot$ | © | $\odot$ | vияна |  |
|  |  |  | f. Results from state | $\bullet$ | $\oplus$ | $\odot$ | © | $\oplus$ | vимя |  |
|  |  |  | g. Results from national assessments | $\oplus$ | ${ }^{\circ}$ | $\odot$ | © | ${ }^{\circ}$ | vимse |  |
|  |  |  | h. Recommendations from district socia studies department | © | ${ }^{(1)}$ | $\odot$ | ${ }^{(1)}$ | $\oplus$ | нуня |  |
|  |  |  | i. Discretion of individual teachers | © | ${ }^{\circ}$ | $\odot$ | © | ${ }^{\circ}$ | vиева |  |
|  |  |  |  | © | ${ }^{(1)}$ | $\odot$ | $\oplus$ | ${ }^{\circ}$ | ass |  |
|  |  |  | k. Resources found on the Internet | © | © | $\odot$ | ${ }^{\circ}$ | ${ }^{\circ}$ | ats |  |
| 143 | S |  | 3. How much does your school's eighth-grade social studies curriculum (e.g., civics and/or United States government, geography, or United States history) focus on preparation for the following types of assessments? Select one circle in each row. |  |  |  |  |  |  | The parenthetical examples in the item stem were reordered and revised for more clarity. <br> Parenthetical examples for subitems $d$ and e were added for |
|  |  |  |  | Not at all | Very little | Some | Quite a bit | A lot |  |  |
|  |  |  | a. District assessments | © | © | $\odot$ | © | ¢ | จиямля |  |
|  |  |  | b. State assessments | $\triangle$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | vжязт |  |
|  |  |  | c. National assessments | $\oplus$ | ${ }^{\circ}$ | $\odot$ | ${ }^{\circ}$ | $\oplus$ | vияз |  |
|  |  |  | (e.g., quizzes or tests created by teachers) | © | (1) | $\odot$ | © | ${ }^{(1)}$ | тияат |  |
|  |  |  | e. Computer-based or online assessments (e.g., national created by teachers) | © | ${ }^{(1)}$ | $\odot$ | ${ }^{(1)}$ | ${ }^{\oplus}$ | vixest |  |

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|  |  |  |  |  |  |  |  | "Professional development" was added to subitem c for more clarity. |
| 146 | S | [Grade 8 Social Sciences: School \#9] Does your school offer any of the following school-sponsored activities to eighth-grade students? Select one circle in each row. | Sch22_000 <br> Sch22_001 <br> Sch22_01 <br> Sch22_02 <br> Sch22_03 <br> Sch22_04 <br> Sch22_05 | 5. Does your school offer any of the follow eighth-grade students? Select one circle | ponso |  | vums | The wording for sub-items b, c, and e was revised for improved clarity and grammar. |
|  |  | 2. Studentgoverment A B |  |  | Yes | No |  |  |
|  |  |  |  | a. Student government | © | ${ }^{(1)}$ | ${ }^{\text {vuesrza }}$ |  |
|  |  | c. Clubss with a community senice component A B |  | $\frac{\text { component }}{\text { c. Clubs with a community service }}$ |  |  |  |  |
|  |  |  |  | c. component | © | © | vuest |  |
|  |  | e. other (Plesese speiti): |  | d. Special courses or workshops to improve skills with computers or other digital devices | © | (1) | 45875 |  |
|  |  |  |  | e. Other activities (Please specify): | © | © | vuesrs |  |


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[^1]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

[^2]:    * Resp indicates Respondent (ST=Student, $\mathrm{T}=$ Teacher, $\mathrm{S}=$ School)

[^3]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

[^4]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

[^5]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

[^6]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

[^7]:    * Resp indicates Respondent (ST=Student, T=Teacher, S=School)

