



Reading and Mathematics Teacher Questionnaire

**2016
Grade 4
(Pilot)**

Pilot

NOTE: These items are being pilot tested in 2016 for possible inclusion in the 2017 NAEP operational assessment. Some items that are pilot tested may not be included in the final assessment. A pilot is a pretest that occurs prior to an assessment.

1. Are you Hispanic or Latino? Select **all** squares that apply.
- Ⓐ No, I am not Hispanic or Latino.
 - Ⓑ Yes, I am Mexican, Mexican American, or Chicano.
 - Ⓒ Yes, I am Puerto Rican or Puerto Rican American.
 - Ⓓ Yes, I am Cuban or Cuban American.
 - Ⓔ Yes, I am from some other Hispanic or Latino background.

2. Which of the following best describes you? Select **all** squares that apply.
- Ⓐ White
 - Ⓑ Black or African American
 - Ⓒ Asian
 - Ⓓ American Indian or Alaska Native
 - Ⓔ Native Hawaiian or other Pacific Islander

3. Excluding student teaching, how many years have you worked as an elementary or secondary teacher, counting this year?
- Ⓐ Less than 1 year
 - Ⓑ 1–2 years
 - Ⓒ 3–5 years
 - Ⓓ 6–10 years
 - Ⓔ 11–20 years
 - Ⓕ 21 or more years

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.

- Ⓐ Desktop computers
- Ⓑ Laptop computers
- Ⓒ Tablets (for example, Surface Pro, iPad, Kindle Fire)
- Ⓓ Other digital devices (Please specify): _____

5. Where are **desktop computers** available for student use? Select **all** squares that apply.

- Ⓐ In some classrooms
- Ⓑ In all classrooms
- Ⓒ In a media center
- Ⓓ In a computer lab
- Ⓔ In the school library
- Ⓕ Other (Please specify): _____

6. How well do the **desktop computers** in your school work?

- Ⓐ All computers are functional and operate quickly.
- Ⓑ All computers are functional, but some run more slowly than others.
- Ⓒ All computers are functional, but all or almost all run slowly.
- Ⓓ Some of the computers do not operate and cannot be used.
- Ⓔ Most of the computers do not operate and cannot be used.
- Ⓕ I don't know.

7. Where are **laptop computers** available for student use? Select **all** squares that apply.

A In some classrooms

B In all classrooms

C In a media center

D In a computer lab

E In the school library

F Other (Please specify): _____

8. How well do the **laptop computers** in your school work?

A All computers are functional and operate quickly.

B All computers are functional, but some run more slowly than others.

C All computers are functional, but all or almost all run slowly.

D Some of the computers do not operate and cannot be used.

E Most of the computers do not operate and cannot be used.

F I don't know.

9. Where are **tablets** (for example, Surface Pro, iPad, Kindle Fire) available for student use? Select **all** squares that apply.

A In some classrooms

B In all classrooms

C In a media center

D In a computer lab

E In the school library

F Other (Please specify): _____

10. How well do the **tablets** (for example, Surface Pro, iPad, Kindle Fire) in your school work?
- Ⓐ All tablets are functional and operate quickly.
 - Ⓑ All tablets are functional, but some run more slowly than others.
 - Ⓒ All tablets are functional, but all or almost all run slowly.
 - Ⓓ Some of the tablets do not operate and cannot be used.
 - Ⓔ Most of the tablets do not operate and cannot be used.
 - Ⓕ I don't know.

11. Is there a wireless Internet connection in your school that students can use for schoolwork?
- Ⓐ No
 - Ⓑ Yes, in some areas of the school.
 - Ⓒ Yes, everywhere or almost everywhere in the school.

12. In this school year, did your school provide you with a **laptop computer** to use for teaching and class preparation?
- Ⓐ No
 - Ⓑ Yes, but I cannot take it home.
 - Ⓒ Yes, and I can take it home.

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?
- Ⓐ No
 - Ⓑ Yes, but I cannot take it home.
 - Ⓒ Yes, and I can take it home.

14. In this school year, did your school offer training for teachers on how to use computers or other digital devices?

- Ⓐ Yes, to all teachers
- Ⓑ Yes, to some teachers
- Ⓒ No

15. In this school year, have you participated in training on computers or other digital devices through your school?

- Ⓐ No
- Ⓑ Once
- Ⓒ Twice
- Ⓓ Several times

Pilot

16. How often do you do the following in this school? Select **one** circle in each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Teach jointly as a team in the same class	(A)	(B)	(C)	(D)	(E)	VH304693
b. Observe other teachers' classes and provide feedback	(A)	(B)	(C)	(D)	(E)	VH304698
c. Engage in joint activities across different classes and age groups (e.g., projects)	(A)	(B)	(C)	(D)	(E)	VH304706
d. Exchange teaching materials with colleagues	(A)	(B)	(C)	(D)	(E)	VH304710
e. Engage in discussions about the learning development of specific students	(A)	(B)	(C)	(D)	(E)	VH304736
f. Work with other teachers in my school to ensure common standards in evaluations for assessing student progress	(A)	(B)	(C)	(D)	(E)	VH304740

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17. In your teaching, how important do you consider each of the following? Select **one** circle in each row.

	Not at all important	Not important	Somewhat important	Quite important	Extremely important	
a. Facilitate my students' own inquiry	(A)	(B)	(C)	(D)	(E)	VH304885
b. Teach my students to find solutions to problems on their own	(A)	(B)	(C)	(D)	(E)	VH304890
c. Allow my students to think of solutions to practical problems themselves before showing them how they are solved	(A)	(B)	(C)	(D)	(E)	VH304892
d. Teach my students to improve their thinking and reasoning processes	(A)	(B)	(C)	(D)	(E)	VH304899

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VH329318

18. You have a certain amount of intelligence, and you really can't do much to change it.

- Ⓐ Strongly disagree
- Ⓑ Disagree
- Ⓒ Somewhat disagree
- Ⓓ Somewhat agree
- Ⓔ Agree
- Ⓕ Strongly agree

VH329319

19. As you are learning new things, your intelligence can grow.

- Ⓐ Strongly disagree
- Ⓑ Disagree
- Ⓒ Somewhat disagree
- Ⓓ Somewhat agree
- Ⓔ Agree
- Ⓕ Strongly agree

VH295105

20. Based on your experience as a teacher, which of the following do you consider more critical for student success in school?

- Ⓐ Students' general intelligence
- Ⓑ Students' level of effort applied

21. Whether a student does well or poorly in school may depend on a lot of different things. You may feel that some of these things are easier for your students to change than others. In school, how possible is it for your students to change each of the following? Select **one** circle in each row.

	Not at all possible to change	A little possible to change	Somewhat possible to change	Quite possible to change	Completely possible to change	
a. Being intelligent	(A)	(B)	(C)	(D)	(E)	VH329967
b. Putting forth a lot of effort	(A)	(B)	(C)	(D)	(E)	VH329968
c. Behaving well in class	(A)	(B)	(C)	(D)	(E)	VH329970

22. How much does each of the following statements apply to you as a teacher? Select **one** circle in each row.

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I am content with my profession as a teacher.	(A)	(B)	(C)	(D)	(E)	VH305014
b. I am satisfied with being a teacher at this school.	(A)	(B)	(C)	(D)	(E)	VH305016
c. I am enthusiastic about my job.	(A)	(B)	(C)	(D)	(E)	VH305022
d. My work inspires me.	(A)	(B)	(C)	(D)	(E)	VH305024
e. I am frustrated as a teacher at my school.	(A)	(B)	(C)	(D)	(E)	VH305032
f. I am supported by the teachers at my school.	(A)	(B)	(C)	(D)	(E)	VH305033

The following questions ask about the organization of your classroom for reading, English, or language arts instruction. Please think about the reading, English, or language arts class that you teach when questioned about “reading,” “language arts,” “English,” or “English/language arts.” If you teach more than one fourth-grade class, please choose a single class to use as the basis for answering the questions about classroom organization.

Pilot

1. Which best describes your role in teaching English/language arts to this class? Language arts refers to reading, writing, literature, and related topics. Select **one** circle.
- Ⓐ I do not teach English/language arts to this class.
 - Ⓑ I teach all or most subjects, including English/language arts.
 - Ⓒ The only subject I teach is English/language arts.
 - Ⓓ We team teach, and I have primary responsibility for teaching English/language arts.

2. How many students are in this class? Enter the number of students.

3. In a typical week, about how much time in total do you spend with this class on English/language arts instruction? Language arts refers to reading, writing, literature, and related topics. Enter the hours and minutes.

_____ hours and _____ minutes per week

4. When reading a story, article, or other passage with your students, how often do you ask your students to do the following? Select **one** circle in each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. Summarize the passage	(A)	(B)	(C)	(D)	(E)	VH261231
b. Interpret the meaning of the passage	(A)	(B)	(C)	(D)	(E)	VH261232
c. Question the motives or feelings of the characters	(A)	(B)	(C)	(D)	(E)	VH261233
d. Identify the main ideas of the passage	(A)	(B)	(C)	(D)	(E)	VH261235
e. Identify the themes of the passage	(A)	(B)	(C)	(D)	(E)	VH335897
f. Analyze two or more texts on the same topic	(A)	(B)	(C)	(D)	(E)	VH261240

5. This school year, to what extent have you emphasized the following cognitive processes when teaching informational and literary texts in class? Select **one** circle in each row.

	No emphasis	Very little emphasis	Some emphasis	Quite a bit of emphasis	A lot of emphasis	
a. Locate and recall (e.g., identify main ideas or focus on specific elements of a story)	(A)	(B)	(C)	(D)	(E)	VH261256
b. Integrate and interpret (e.g., make comparisons, explain character motivation, or examine relations of ideas across the text)	(A)	(B)	(C)	(D)	(E)	VH261257
c. Critique and evaluate (e.g., evaluate text critically from many perspectives or evaluate overall text quality)	(A)	(B)	(C)	(D)	(E)	VH261258

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6. Are computers or other digital devices available for use by you or your students for English/language arts instruction?

- Ⓐ Yes, computers or other digital devices are available to my students and to me.
- Ⓑ Yes, I have access to computers or other digital devices, but my students do not.
- Ⓒ No, neither my students nor I have access to computers or other digital devices at school.

7. In class, how often do you use a computer or other digital device for English/language arts instruction?

- Ⓐ Never
- Ⓑ About once or twice a year
- Ⓒ About once or twice a month
- Ⓓ About once or twice a week
- Ⓔ Every day or almost every day

8. In your fourth-grade English/language arts class this year, how often do your students use a computer or other digital device to do each of the following? Select **one** circle in each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Build and practice vocabulary	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH262482
b. Increase reading fluency	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH262483
c. Increase reading comprehension	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH353293
d. Practice spelling and grammar	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH262485
e. Access reading-related websites	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH262487
f. Conduct research for reading projects	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH262488

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9. When you teach English/language arts, how often do you use the following strategies? Select **one** circle in each row.

	Never or hardly ever	Once in a while	Sometimes	Often	Always or almost always	
a. I teach reading as a whole-class activity.	(A)	(B)	(C)	(D)	(E)	VH334361
b. I create student groups with the same achievement level.	(A)	(B)	(C)	(D)	(E)	VH334362
c. I create groups by random assignment.	(A)	(B)	(C)	(D)	(E)	VH334363
d. I allow students to choose their own groups.	(A)	(B)	(C)	(D)	(E)	VH334368
e. I use individualized instruction for reading.	(A)	(B)	(C)	(D)	(E)	VH334364
f. Students work independently on an assigned plan or goal.	(A)	(B)	(C)	(D)	(E)	VH334365
g. Students work independently on a goal they choose themselves.	(A)	(B)	(C)	(D)	(E)	VH334366
h. Other (specify): _____	(A)	(B)	(C)	(D)	(E)	VH334367

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10. When you teach English/language arts to your students, how do you use each of the following resources? Select **one** circle in each row.

	Not used	Supplement	Basis for instruction	
a. Hardback textbooks, workbooks, or worksheets	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262697
b. Electronic textbooks	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262698
c. A variety of children's books (e.g., novels, collections of stories, nonfiction)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262701
d. Materials from different curricular areas	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262703
e. Children's newspapers and/or magazines	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262704
f. Reading-related websites or apps	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262707
g. Reading-related educational games	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	VH262714

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11. Do you think you would be able to do each of the following? Select **one** circle in each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Prepare lessons that are appropriate for students with varying reading abilities	(A)	(B)	(C)	(D)	(E)	VH262857
b. Select relevant and challenging reading materials for students	(A)	(B)	(C)	(D)	(E)	VH262858
c. Provide students with concrete and actionable feedback	(A)	(B)	(C)	(D)	(E)	VH262859
d. Provide support to students who are struggling with reading	(A)	(B)	(C)	(D)	(E)	VH262860
e. Help students understand the meaning of challenging reading texts	(A)	(B)	(C)	(D)	(E)	VH262862
f. Help students make connections between their thinking and the reading material	(A)	(B)	(C)	(D)	(E)	VH262863

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12. Suppose your students did very well on their last English/language arts test. How likely do you think each of the following explanations is in this situation? Select **one** circle in each row.

	Not at all likely	Not likely	Somewhat likely	Quite likely	Extremely likely	
a. My students did well because they studied and were prepared.	(A)	(B)	(C)	(D)	(E)	VH262948
b. My students did well because they put in a lot of effort.	(A)	(B)	(C)	(D)	(E)	VH262949
c. My students did well because they always do well on tests.	(A)	(B)	(C)	(D)	(E)	VH262950
d. My students did well because I taught the concepts well.	(A)	(B)	(C)	(D)	(E)	VH262951
e. My students did well because they guessed well on the test.	(A)	(B)	(C)	(D)	(E)	VH337286
f. My students did well because they are just good at reading.	(A)	(B)	(C)	(D)	(E)	VH337287

13. In your view, to what extent do the following limit how you teach this class? Select **one** circle in each row.

	Not applicable	Not at all	Some	A lot	
a. Students lacking prerequisite knowledge or skills	(A)	(B)	(C)	(D)	VH262636
b. Students with special needs (e.g., physical disabilities, mental or emotional/psychological impairment)	(A)	(B)	(C)	(D)	VH262637
c. Disruptive students	(A)	(B)	(C)	(D)	VH262638
d. Uninterested students	(A)	(B)	(C)	(D)	VH262639

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14. In your school, how severe is each problem? Select **one** circle in each row.

	Not a problem	Minor problem	Moderate problem	Serious problem	
a. The school building needs significant repair.	(A)	(B)	(C)	(D)	VH262653
b. Classrooms are overcrowded.	(A)	(B)	(C)	(D)	VH262654
c. Teachers have too many teaching hours.	(A)	(B)	(C)	(D)	VH262655
d. Teachers do not have adequate workspace (e.g., for preparation, collaboration, or meeting with students).	(A)	(B)	(C)	(D)	VH262656
e. Teachers do not have adequate instructional materials and supplies.	(A)	(B)	(C)	(D)	VH262657

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The following questions ask about the organization of your classroom for mathematics instruction. If you teach more than one fourth-grade class, please choose a single class to use as the basis for answering the questions about classroom organization.

Pilot

VH240054

1. Which best describes your role in teaching mathematics to this class?

- Ⓐ I do not teach mathematics to this class.
- Ⓑ I teach all or most subjects, including mathematics.
- Ⓒ The only subject I teach is mathematics.
- Ⓓ We team teach, and I have primary responsibility for teaching mathematics.

VH261160

2. How many students are in this class? Enter the number of students.

VH336581

3. In a typical week, about how much time in total do you spend with this class on mathematics instruction? Enter the hours and minutes.

_____ hours and _____ minutes per week

VH336584

4. Are students assigned to this class by achievement level?

- Ⓐ Yes
- Ⓑ No

VH336588

5. Do you create groups within this class for mathematics instruction on the basis of achievement level?

- Ⓐ Yes
- Ⓑ No

VH269351

6. How often do you use each of the following to assess student progress in mathematics? Select **one** circle in each row.

	Never or hardly ever	Once or twice a year	Once or twice a month	Once or twice a week	
a. Multiple-choice tests	(A)	(B)	(C)	(D)	VH269353
b. Small project-based assignments	(A)	(B)	(C)	(D)	VH269357
c. Individual students collaborating on group assignments	(A)	(B)	(C)	(D)	VH336538

VH269921

7. 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.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Practice or review mathematics topics	(A)	(B)	(C)	(D)	(E)	VH269922
b. Extend mathematics learning with enrichment activities	(A)	(B)	(C)	(D)	(E)	VH269923
c. Research mathematics topics on the Internet	(A)	(B)	(C)	(D)	(E)	VH269924

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8. In your mathematics class this year, how often do you do each of the following with individual students to assess their progress in mathematics? Select **one** circle in each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Regularly discuss each student's current level of performance with them	(A)	(B)	(C)	(D)	(E)	VH269926
b. Set goals for specific progress the student would like to make	(A)	(B)	(C)	(D)	(E)	VH269928
c. Discuss progress the student has made toward goals previously set	(A)	(B)	(C)	(D)	(E)	VH269930
d. Determine how to adjust your teaching strategies to meet the student's current learning needs	(A)	(B)	(C)	(D)	(E)	VH269931

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9. In your mathematics class this year, how often do you use assessment results to do each of the following? Select **one** circle in each row.

	Never	About once or twice a year	About once or twice a month	About once or twice a week	Every day or almost every day	
a. Discuss the progress your students have made toward individually set goals	(A)	(B)	(C)	(D)	(E)	VH269862
b. Adjust your teaching strategies to meet the current learning needs of individual students	(A)	(B)	(C)	(D)	(E)	VH269864
c. Adjust your teaching strategies to reflect your instructional objectives for the classroom	(A)	(B)	(C)	(D)	(E)	VH269865
d. Discuss class progress with school administrators	(A)	(B)	(C)	(D)	(E)	VH269868
e. Discuss class progress with other colleagues	(A)	(B)	(C)	(D)	(E)	VH269871

10. In your mathematics class this year, do you use any of the following instructional materials? Select **one** circle in each row.

	Yes	No	
a. Textbooks provided by your district or school	(A)	(B)	VH270257
b. Other materials provided by your district or school	(A)	(B)	VH270258
c. Materials found on the Internet	(A)	(B)	VH270259
d. Other materials (Please specify): _____	(A)	(B)	VH270260

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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.

	No emphasis	Very little emphasis	Some emphasis	Quite a bit of emphasis	A lot of emphasis	
a. Determine what the problem is asking and the best way to solve it	(A)	(B)	(C)	(D)	(E)	VH270272
b. Use alternate methods to solve problems when the first method does not work	(A)	(B)	(C)	(D)	(E)	VH270274
c. Explain ones thinking and make connections between models and equations	(A)	(B)	(C)	(D)	(E)	VH270275
d. Make assumptions and approximations	(A)	(B)	(C)	(D)	(E)	VH270276
e. Represent a problem situation with numbers, words, pictures, or charts	(A)	(B)	(C)	(D)	(E)	VH270277
f. Understand tools for problem solving and limitations of use	(A)	(B)	(C)	(D)	(E)	VH270278
g. Use clear and precise language when students are discussing their problem solving and reasoning	(A)	(B)	(C)	(D)	(E)	VH270279

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12. Suppose your students did very well on their last mathematics test. How likely do you think each of the following explanations is in this situation? Select **one** circle in each row.

	Not at all likely	Not likely	Somewhat likely	Quite likely	Extremely likely	
a. My students did well because they studied and were prepared.	(A)	(B)	(C)	(D)	(E)	VH270306
b. My students did well because they put in a lot of effort.	(A)	(B)	(C)	(D)	(E)	VH270307
c. My students did well because they always do well on tests.	(A)	(B)	(C)	(D)	(E)	VH270308
d. My students did well because I taught the concepts well.	(A)	(B)	(C)	(D)	(E)	VH270309
e. My students did well because they guessed well on the test.	(A)	(B)	(C)	(D)	(E)	VH270311
f. My students did well because they are just good at math.	(A)	(B)	(C)	(D)	(E)	VH270313

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13. In your mathematics classes this year, how often did you encourage your students to participate in mathematics activities **outside of school**?

- Ⓐ Never
- Ⓑ About once or twice a year
- Ⓒ About once or twice a month
- Ⓓ About once or twice a week
- Ⓔ Every day or almost every day

14. In this school year, how many times did you provide **direct opportunities** for your students to participate in mathematics activities **outside of school**?

- Ⓐ Never
- Ⓑ Once
- Ⓒ Two or three times
- Ⓓ Four or five times
- Ⓔ More than five times

15. In your school, how severe is each problem? Select **one** circle in each row.

	Not a problem	Minor problem	Moderate problem	Serious problem	
a. The school building needs significant repair.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH262653
b. Classrooms are overcrowded.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH262654
c. Teachers have too many teaching hours.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH262655
d. Teachers do not have adequate workspace (e.g., for preparation, collaboration, or meeting with students).	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH262656
e. Teachers do not have adequate instructional materials and supplies.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VH262657

NOTE: These items are being pilot tested in 2016 for possible inclusion in the 2017 NAEP operational assessment. Some items that are pilot tested may not be included in the final assessment. A pilot is a pretest that occurs prior to an assessment.