NSCAS

NEBRASKA STUDENT-CENTERED ASSESSMENT SYSTEM

NSCAS−Alternate Administration Manual

English Language Arts (NSCAS-AAELA), Mathematics (NSCAS-AAM), and Science (NSCAS-AAS)

Grade 11 OTT

Assessments for the Nebraska Student-Centered Assessment System are administered by the Nebraska Department of Education (NDE)
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Part I. General Information

Introduction

The *Nebraska Student-Centered Assessment System (NSCAS) Alternate Assessment Online Tools Training Administration Manual* is intended for use by Test Administrators responsible for administering the training for the Nebraska Alternate Assessment Online Tools Training (OTT).

The training introduces the online tools that will be available during testing and allows students an interactive opportunity to become familiar with the tools before testing. While the tools are the same across grades and content areas, the questions used to practice are focused on grade-bands 3 to 5, 6 to 8, and 11. The training provides students with questions to practice using the same tools, buttons, and options.

Training Instructions for All Grades

To ensure that all students will be able to understand and use the tools correctly on the day of the test, Test Administrators should review the tools, buttons, and options in a one-student-to-one-adult (teacher or trained para-educator) setting.

- **Test Administrators should determine the level of student interaction with the technology. This decision should be based on the needs and abilities of the individual student.**
- Test Administrators may choose the order in which tools, buttons, and options are shown to students. However, all the buttons, tools, and options should be shown and explained to students prior to the actual test.
- Test Administrators may stop and then return to the training based upon the individual student needs and can repeat items to show and explain tools, buttons, and options multiple times.
- A script is provided as a guide to use during the training, but Test Administrators may use different wording. However, when reading the questions, Test Administrators should read the exact wording in the script to simulate the actual test.
- Test Administrators should read aloud **word for word** the text that is printed in **bold type**. *The text that is italicized is information for the Administrator, and it should not be read to the student.*
- The student's primary mode of communication is always recognized and accommodated. Training and response methods may be adapted to meet individual student needs.
- The training process may be concluded when the student has had the opportunity to learn and practice using the tools, buttons, and options that will be available during the test. Test Administrators may decide to stop and discontinue the training based on the individual student needs.
- Test Administrators can use the *Online Tools Training Student Booklet* for a corresponding grade-band as a resource if they believe it will help the student to understand and practice using the tools. Since the training is not scored, Test Administrators do not need to record answers if the student uses the paper-based questions. In actual test conditions, if the student answers the questions using the print-on-demand paper test, Test Administrators will need to record the answers and enter them online for the student to receive a score. Instructions on this process will be provided in the *Nebraska Student-Centered Assessment System (NSCAS) Alternate Assessment Administration Manual* for each year's operational test.

Online Functionality

The student will only use certain buttons, tools, and options during the test. However, it is essential that Test Administrators are aware of and understand the functionality of all tools, buttons, and options that will be available during the training and the test.

Test Administrators can access the OTT before administering the training to learn about the main buttons and tools that they will be helping the student to learn and use.

- Sign in to the Online Tools Training (which is the same process as signing in a student), and navigate through the screens until the first question.
- Select the **Help** button ( ) in the upper-right corner of the screen.

  Across the top of the **Help** window, there are tabs for different areas of information within **Help**. Once an area is chosen, the left pane will list the topics available for that area. Once a topic is chosen, the content for that topic will be shown in the right pane of the **Help** window.

  The **Help** library for some of the question types and tools can be accessed by choosing the question mark icon ( ) that appears in the upper-right corner of the question type or tool. When this icon is chosen, the **Help** information for that question type or tool will be shown.

  To close **Help**, choose the red close button ( ) in the upper-right corner of the **Help** window.
- To quickly find help for certain features, access the **What's This?** feature.

  To access **What's This?**, choose the **Help** button ( ) and then choose **What's This?** from the menu. Choose any object that has a question mark ( ) to show **Help** for that object. To close **Help**, choose the red close button ( ) in the upper-right corner of the **Help** window.

Troubleshooting

If you see an error message during training, please contact your local IT staff as soon as a problem occurs or as soon as possible following the training. They can contact Nebraska Customer Service at (866) 342-6280 or at necustomerservice@datarecognitioncorp.com if they need additional help to resolve the issue.

Common Troubleshooting Tips:

1. Exit INSIGHT and re-launch the software.
2. Restart the computer and re-launch INSIGHT.
3. Move to a different computer.
4. Note the computer or touchscreen device experiencing the issue. Technical staff may need to access the specific computer or touchscreen device to investigate and resolve the issue.

Additional Questions

If you have any additional questions not covered in this *Nebraska Student-Centered Assessment System (NSCAS) Alternate Assessment Online Tools Training Administration Manual*, please contact DRC Customer Service at 1-866-342-6280 or email necustomerservice@datarecognitioncorp.com.

DRC representatives will always try to answer your questions when you call. If they are not able to answer your questions immediately, they will return your call within 24 hours. The representatives will log each call and record the nature of the question or problem reported, whether a resolution has been made, and whether a return call is needed. Representatives are available from 8:00 a.m. to 5:00 p.m. Central Time (7:00 a.m. to 4:00 p.m. Mountain Time), Monday through Friday. Customer Service hours expand to 7:00 a.m. to 5:00 p.m. Central Time (6:00 a.m. to 4:00 p.m. Mountain Time) one week before and after the testing window.

Part II. Administering the Online Tools Training

The OTT process is the same for all content areas, with eight content-specific and grade-band-focused questions for the student to practice using the tools. All content areas have the same tools, buttons, and options in the OTT.

NOTE: The INSIGHT client must be installed on the computer or touchscreen device to be used during the training prior to administering the training.

SAY: Today, you will be learning and practicing the use of online tools that will be available when you take the actual test. We will use questions to practice.

First, I will sign you in to do the training.

Signing In

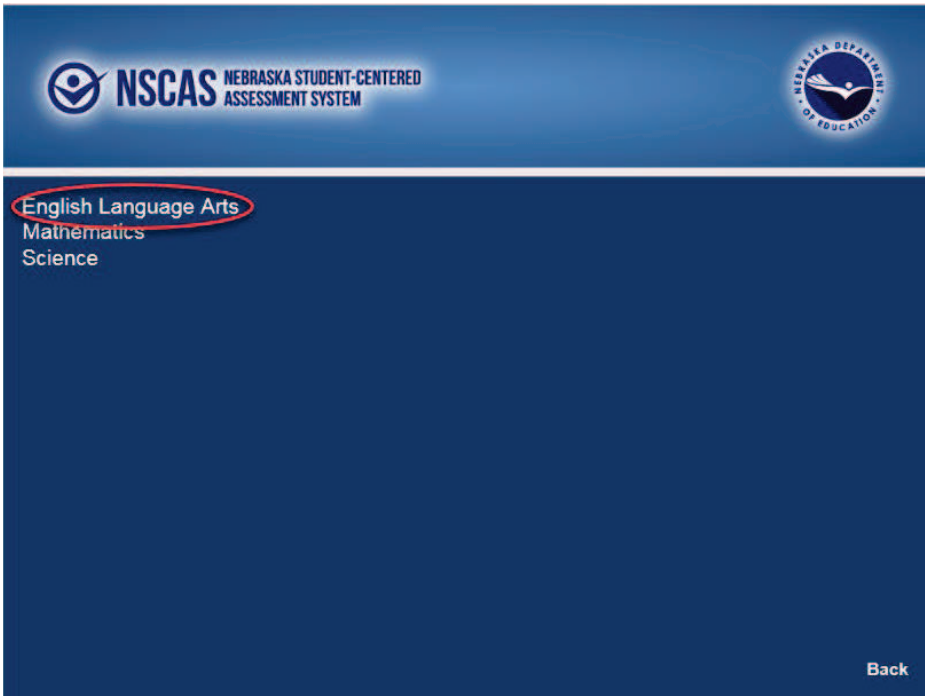
Test Administrators will sign in the student to access the OTT by completing the following process.

- Select the DRC INSIGHT icon on the screen.

- Select the **Online Tools Training** link.

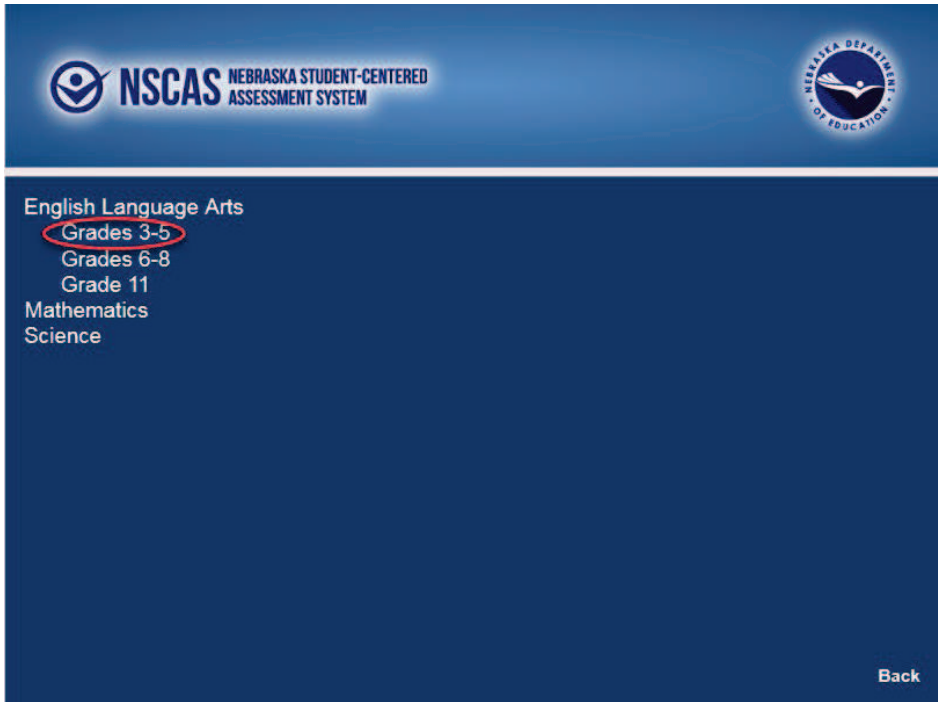
A screen with links to the OTT for each content area will appear.

- Select the appropriate content area. In this example, the link to English Language Arts is used.



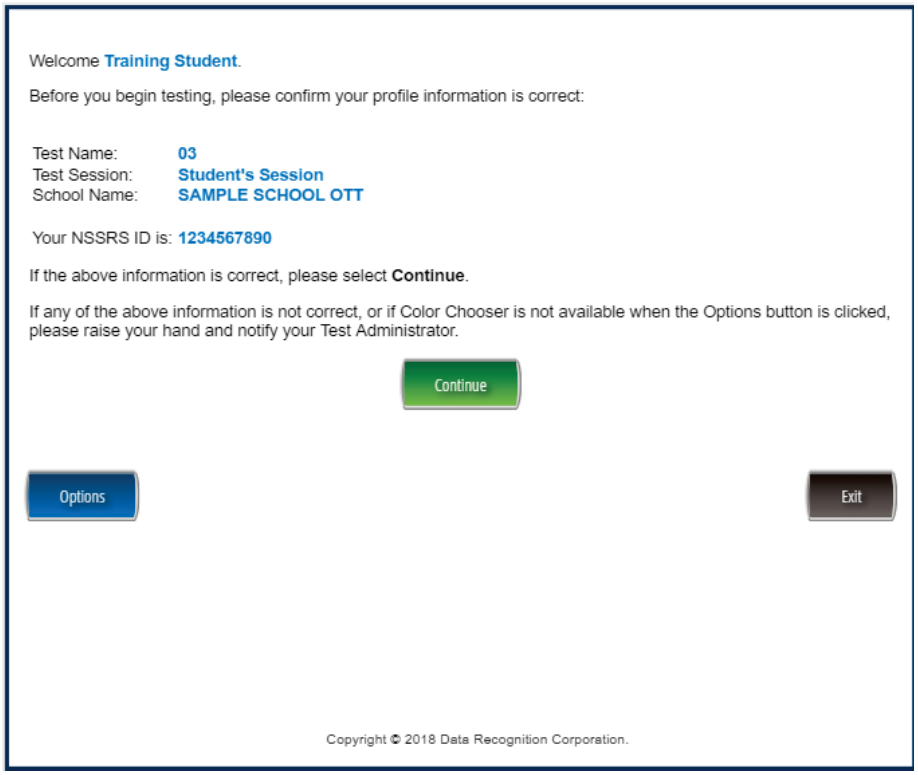
A screen with links to different grade-bands for that content will appear.

- Select the appropriate grade-band. In this example, the link to grades 3 to 5 is used.

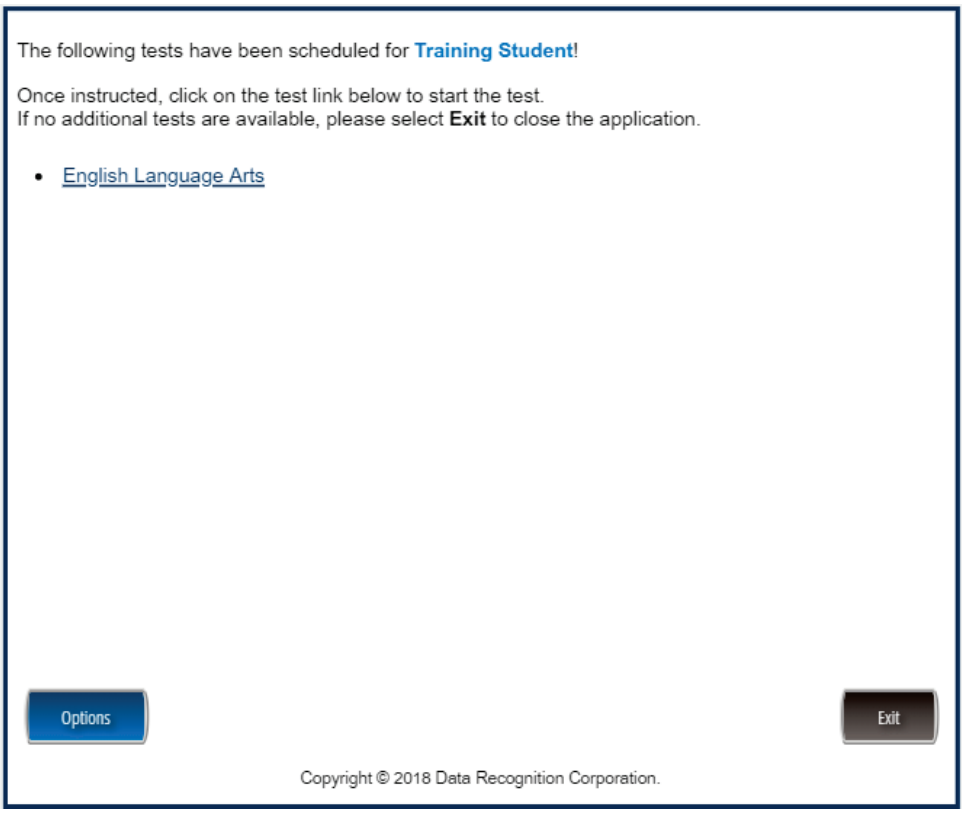


- Enter the generic Username and Password that appear on the screen.
- Select the **Sign In** button to submit the Username and Password.

- Verify all the student information that appears on the Student Verification page. In this training, the generic name Training Student will appear, with information about the OTT. The Test Name will display the selected content area. (The example below displays a number.)
- Select the **Continue** button.



- Select the link to the test that has been scheduled for the student. In this example, the link to the OTT for English Language Arts will appear.



This completes the access to the Online Tools Training. This process is the same to access each of the links to the OTT for a specific content area.

Training

English Language Arts

Once in the OTT, Test Administrators will read the content displayed on the screen and explain and show the functionality of tools, buttons, and options.

Test Administrators will determine the level of student interaction with the technology based on the needs and abilities of each student.

SAY: You are now signed in to the training.

Read the directions that appear on the first screen.

NOTE: The content area that corresponds to the training is indicated by the title. However, the directions are the same for all content areas.

Remember that you can assist the student as needed in selecting and using the tools, buttons, and options.

SAY: This screen contains general directions to complete the training for English Language Arts. Follow along as I read the directions.

> **Directions – English Language Arts**
>
> **There are eight practice questions. You will need to follow along as the questions are read to you.**
>
> **Each question has a practice hint. The practice hint tells you which tool to use in that question.**
>
> **After you have answered all eight questions, the online tools training is complete.**
>
> **Select the Begin the Test button when you are ready to begin the training.**

Pause.

SAY: Do you have any questions?

Answer the questions. Continue after the Begin the Test button is selected.

SAY: Now, follow along as I read the questions.

Remember that you must read the text in bold exactly as it appears in the script to mimic testing conditions as closely as possible.

First, read the Practice Hint exactly as it appears in the script. Use your knowledge of the individual student needs to determine whether to interrupt the training and explain and/or demonstrate the functionality of the tool/button, or to allow the student to work independently. Then, read the question and answer choices.

Repeat this process until the student has completed the practice for all questions.

The following pages contain the questions corresponding to English Language Arts for grade 11.

Administrator's Test Booklet	Indicator LAE.12.1.6.i Inferential Questions DOK Level 2, Stage 4
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line a story.)** **Follow along as I read this story.** *Indicate.* **Molly hopes to do yard work for her neighbors this summer. She helps her mom pick up branches and pull weeds. She mows the lawn each week. Molly feels she has the skills needed to do yard work.**
ASK	**Which skill could help Molly get jobs doing yard work?** *Indicate and read answers.* A. **asking for help** B. **counting branches** C. **using a lawn mower**

NSCAS ALTERNATE
Indicator # LAE.12.1.6.i

Question 1

STUDENT TEST BOOK
ELA Grade 11

Molly hopes to do yard work for her neighbors this summer. She helps her mom pick up branches and pull weeds. She mows the lawn each week. Molly feels she has the skills needed to do yard work.

asking for help

counting branches

using a lawn mower

Administrator's Test Booklet	Indicator LAE.12.1.6.b Elements of Literary Text DOK Level 1, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background color of the test window.)** **Follow along as I read this story.** *Indicate.* **Jack is excited. He received his first paycheck from the store where he works. He is at the bank putting the money into his account.**
ASK	**Where does this story take place?** *Indicate and read answers.* A. **bank** B. **library** C. **store**

NSCAS ALTERNATE
Indicator # LAE.12.1.6.b

Question 2

STUDENT TEST BOOK
ELA Grade 11

Jack is excited. He received his first paycheck from the store where he works. He is at the bank putting the money into his account.

bank **library** **store**

Administrator's Test Booklet	Indicator LAE.12.2.1.h Edit Writing/Punctuation DOK Level 1, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **A student wrote the same sentence three times but with different ending punctuation marks.** *Indicate.*
ASK	**Which sentence has the correct ending punctuation?** *Indicate and read answers without inflection.* A. **Did you get a new video game.** B. **Did you get a new video game?** C. **Did you get a new video game!**

NSCAS ALTERNATE
Indicator # LAE.12.2.1.h

Question 3

STUDENT TEST BOOK
ELA Grade 11

Did you get a new video game.

Did you get a new video game?

Did you get a new video game!

Administrator's Test Booklet	Indicator LAE.12.1.6.a Author's Purpose DOK Level 2, Stage 4
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increase the size of words and pictures.)** **Follow along as I read this story.** *Indicate.* **Shoes are amazing! Get a great deal when you come to the store today. The shoes are priced to sell. Everyone should rush to the store to buy a pair.**
ASK	**Why did the author write this story?** *Indicate and read answers.* A. **to describe a pair of shoes** B. **to tell a funny joke about shoes** C. **to convince people to buy shoes**

NSCAS ALTERNATE
Indicator # LAE.12.1.6.a

Question 4

STUDENT TEST BOOK
ELA Grade 11

Shoes are amazing! Get a great deal when you come to the store today. The shoes are priced to sell. Everyone should rush to the store to buy a pair.

to describe a pair of shoes

to tell a funny joke about shoes

to convince people to buy shoes

Administrator's Test Booklet	Indicator LAE.12.1.5.d Semantic Relationships DOK Level 1, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background color of the test window.)** **Follow along as I read this sentence.** *Indicate.* **Paints, brushes, paper, and cups of water are the <u>materials</u> needed for this art project.** **The word "materials" is underlined.** *Indicate.*
ASK	**Which word means the same as "materials"?** *Indicate and read answers.* A. **awards** B. **drawings** C. **supplies**

NSCAS ALTERNATE
Indicator # LAE.12.1.5.d

Question 5

STUDENT TEST BOOK
ELA Grade 11

Paints, brushes, paper, and cups of water are the <u>materials</u> needed for this art project.

awards **drawings** **supplies**

Administrator's Test Booklet	Indicator LAE.12.1.6.j Organizational Patterns DOK Level 2, Stage 4
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line in a story.)** **Follow along as I read this paragraph.** *Indicate.* **Railroads were important to America. They connected the East Coast to the West Coast. When cars were invented, travel changed. Most people started traveling by car.**
ASK	**How is this paragraph organized?** *Indicate and read answers.* A. **by giving directions to people** B. **by explaining how travel changed** C. **by comparing two different places**

NSCAS ALTERNATE
Indicator # LAE.12.1.6.j

Question 6

STUDENT TEST BOOK
ELA Grade 11

Railroads were important to America. They connected the East Coast to the West Coast. When cars were invented, travel changed. Most people started traveling by car.

by giving directions to people

by explaining how travel changed

by comparing two different places

Administrator's Test Booklet	Indicator LA_E.12.2.1.h Capitalization DOK Level 2, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increse the size of words and pictures.)** **Follow along as I read this sentence.** *Indicate.* **Pioneers traveled west and camped along the colorado River.**
ASK	**Which word should be capitalized?** *Indicate and read answers.* A. **west** B. **along** C. **colorado**

NSCAS ALTERNATE
Indicator # LA_E.12.2.1.h

Question 7

STUDENT TEST BOOK
ELA Grade 11

Pioneers traveled west and camped along the colorado River.

west **along** **colorado**

Administrator's Test Booklet	Indicator LAE.12.1.6.c Literary Devices DOK Level 2, Stage 4
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **Personification is when a writer gives objects or animals a human trait.**
ASK	**Which sentence is about objects doing something people do?** *Indicate and read answers.* A. **The planes fly high above the clouds.** B. **The stars shine brightly in the night sky.** C. **The flowers turn their heads to greet the Sun.**

NSCAS ALTERNATE
Indicator # LAE.12.1.6.c

Question 8

STUDENT TEST BOOK
ELA Grade 11

The planes fly high above the clouds.

The stars shine brightly in the night sky.

The flowers turn their heads to greet the Sun.

Mathematics

- Repeat the Sign In process.
- Select the OTT link corresponding to Mathematics.

Once in the OTT, Test Administrators will read the content displayed on the screen and explain and show the functionality of tools, buttons, and options.

Test Administrators will determine the level of student interaction with the technology based on the needs and abilities of each student.

SAY: You are now signed in to the training.

Read the directions that appear on the first screen.

NOTE: The content area that corresponds to the training is indicated by the title. However, the directions are the same for all content areas.

Remember that you can assist the student as needed in selecting and using the tools, buttons, and options.

SAY: This screen contains general directions to complete the training for Mathematics. Follow along as I read the directions.

Directions – Mathematics

There are eight practice questions. You will need to follow along as the questions are read to you.

Each question has a practice hint. The practice hint tells you which tool to use in that question.

After you have answered all eight questions, the online tools training is complete.

Select the Begin the Test button when you are ready to begin the training.

Pause.

SAY: Do you have any questions?

Answer the questions. Continue after the Begin the Test button is selected.

SAY: Now, follow along as I read the questions.

Remember that you must read the text in bold exactly as it appears in the script to mimic testing conditions as closely as possible.

First, read the Practice Hint exactly as it appears in the script. Use your knowledge of the individual student needs to determine whether to interrupt the training and explain and/or demonstrate the functionality of the tool/button, or to allow the student to work independently. Then, read the question and answer choices.

Repeat this process until the student has completed the practice for all questions.

The following pages contain the questions corresponding to Mathematics for grade 11.

Administrator's Test Booklet	**Indicator MA_E.11.1.2.a** **Addition with Regrouping** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line in a story.)** **Here is the problem thirty-six plus seventeen.** *Indicate.*
ASK	**What is the correct answer?** *Indicate and read answers.* A. **twenty-one** B. **forty-three** C. **fifty-three**

NSCAS ALTERNATE
Indicator # MA_E.11.1.2.a

Question 1

STUDENT TEST BOOK
Mathematics Grade 11

$$\begin{array}{r} 36 \\ +\,17 \\ \hline \end{array}$$

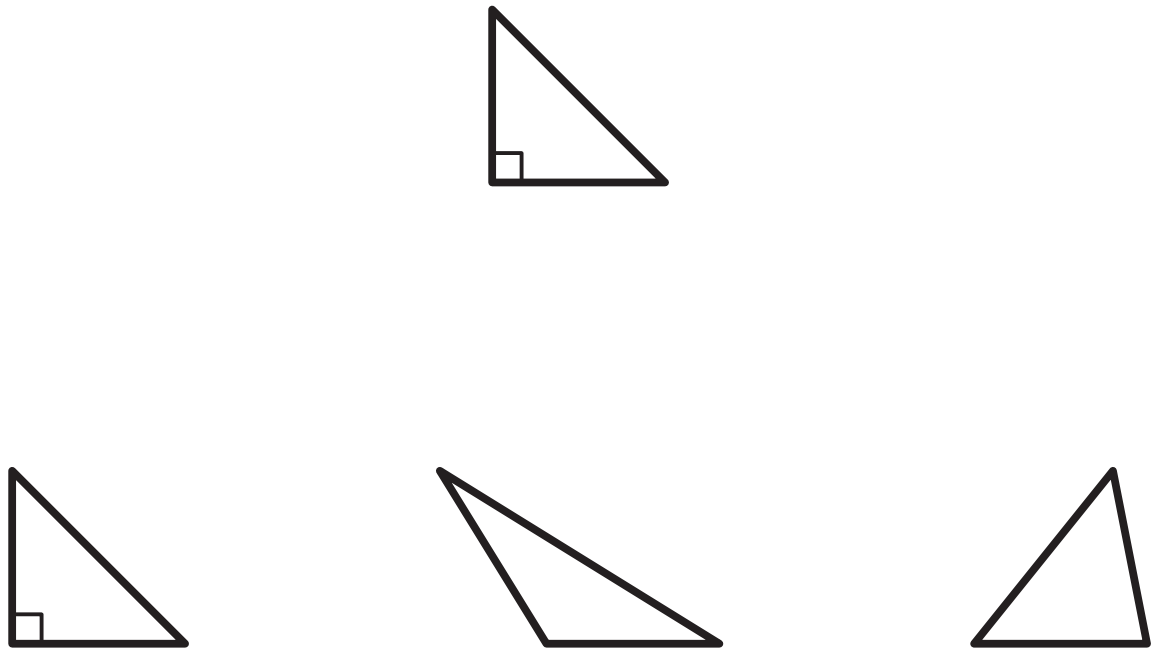
21 **43** **53**

Administrator's Test Booklet	**Indicator MA_E.11.3.1.d** **Right Triangles** **DOK Level 1, Stage 2**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background color of the test window.)** **Here is a right triangle.** *Indicate.*
ASK	**Which shape is a right triangle?** *Indicate (but do not read) answers.* A. *right triangle* B. *obtuse triangle* C. *acute triangle*

NSCAS ALTERNATE
Indicator # MA_E.11.3.1.d

Question 2

STUDENT TEST BOOK
Mathematics Grade 11



Administrator's Test Booklet	**Indicator MA_E.11.2.2.d** **Linear Expressions** **DOK Level , Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increase the size of words and pictures.)** **Here is the problem two *x* plus four *x*.** *Indicate.*
ASK	**What is the correct answer?** Indicate and read answers. A. **two *x*** B. **six *x*** C. **eight *x***

NSCAS ALTERNATE
Indicator # MA_E.11.2.2.d

Question 3

STUDENT TEST BOOK
Mathematics Grade 11

$$\begin{array}{r} 2x \\ +\,4x \\ \hline \end{array}$$

2*x* **6*x*** **8*x***

Administrator's Test Booklet	**Indicator MA_E.11.1.1.a** **Sorting Numbers** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **Here are three sets of numbers.** *Indicate.*
ASK	**Which set has all fractions?** *Indicate (but do not read) answers.* A. *first set* B. *second set* C. *third set*

NSCAS ALTERNATE
Indicator # MA_E.11.1.1.a

Question 4

STUDENT TEST BOOK
Mathematics Grade 11

$\frac{1}{2}$ $\frac{3}{4}$	.7 $\frac{2}{3}$	12 .08

Administrator''s Test Booklet	Indicator MA_E.11.4.2.a Median DOK Level 1, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line in a story.)** **Here is a list of numbers in order from smallest to largest.** *Indicate.* **The middle number of an ordered list of numbers is the median.**
ASK	**Which number is the median?** *Indicate and read answers.* A. **three** B. **seven** C. **nine**

NSCAS ALTERNATE
Indicator # MA_E.11.4.2.a

Question 5

STUDENT TEST BOOK
Mathematics Grade 11

2 3 7 8 9

3 **7** **9**

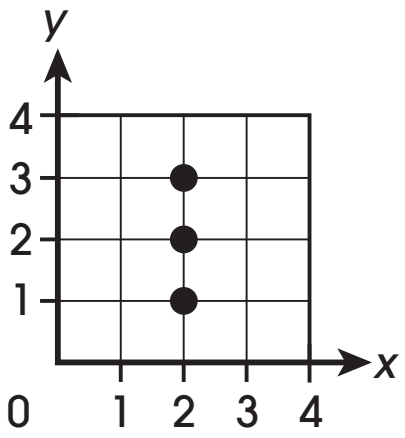
Administrator's Test Booklet	**Indicator MA_E.11.2.1.e** **Algebraic Relationships** **DOK Level 2, Stage 4**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increase the size of words and pictures.)** **Here is a table of values.** *Indicate.* **The *x* value stays the same.** *Indicate.* **The *y* value goes up by one.** *Indicate.* **Here is a coordinate grid with the values graphed.** *Indicate.*
ASK	**Which line will form when the dots representing the values are connected?** *Indicate (but do not read) answers.* A. *diagonal line* B. *horizontal line* C. *vertical line*

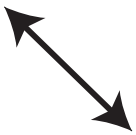
NSCAS ALTERNATE
Indicator # MA_E.11.2.1.e

Question 6

STUDENT TEST BOOK
Mathematics Grade 11

x	*y*
2	1
2	2
2	3



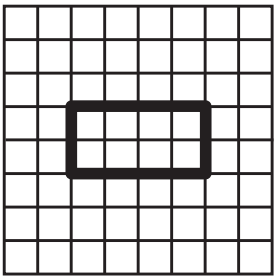


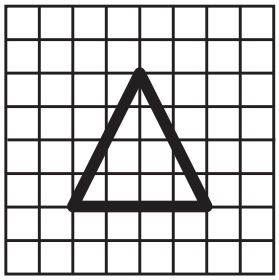
Administrator's Test Booklet	**Indicator MA_E.11.3.2.f** **Coordinate Grid/Quadrilateral** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **Here are different shapes shown on coordinate grids.** *Indicate.*
ASK	**Which grid has a rectangle?** *Indicate (but do not read) answers.* A. *rectangle* B. *triangle* C. *hexagon*

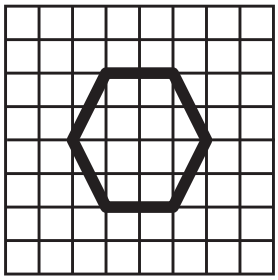
NSCAS ALTERNATE
Indicator # MA_E.11.3.2.f

Question 7

STUDENT TEST BOOK
Mathematics Grade 11





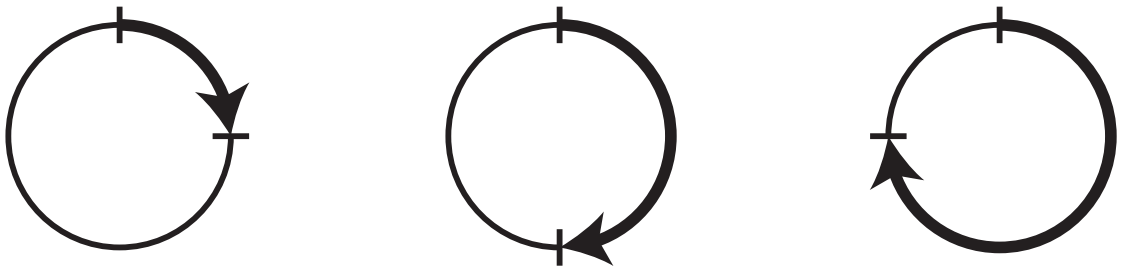


Administrator's Test Booklet	**Indicator MA_E.11.3.3.d** **Arc Length** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background color of the test window.)** **Here are three circles.** *Indicate.* **Each circle has a bold line that ends with an arrow.** *Indicate.*
ASK	**Which circle has a bold line that goes one-half of the way around the circle?** *Indicate (but do not read) answers.* A. *one-fourth* B. *one-half* C. *three-fourths*

NSCAS ALTERNATE
Indicator # MA_E.11.3.3.d

Question 8

STUDENT TEST BOOK
Mathematics Grade 11



Science

- Repeat the Sign In process.
- Select the OTT link corresponding to Science.

Once in the OTT, Test Administrators will read the content displayed on the screen and explain and show the functionality of tools, buttons, and options.

Test Administrators will determine the level of student interaction with the technology based on the needs and abilities of each student.

SAY: You are now signed in to the training.

Read the directions that appear on the first screen.

NOTE: The content area that corresponds to the training is indicated by the title. However, the directions are the same for all content areas.

Remember that you can assist the student as needed in selecting and using the tools, buttons, and options.

SAY: This screen contains general directions to complete the training for Science. Follow along as I read the directions.

Directions – Science

There are eight practice questions. You will need to follow along as the questions are read to you.

Each question has a practice hint. The practice hint tells you which tool to use in that question.

After you have answered all eight questions, the online tools training is complete.

Select the Begin the Test button when you are ready to begin the training.

Pause.

SAY: Do you have any questions?

Answer the questions. Continue after the Begin the Test button is selected.

SAY: Now, follow along as I read the questions.

Remember that you must read the text in bold exactly as it appears in the script to mimic testing conditions as closely as possible.

First, read the Practice Hint exactly as it appears in the script. Use your knowledge of the individual student needs to determine whether to interrupt the training and explain and/or demonstrate the functionality of the tool/button, or to allow the student to work independently. Then, read the question and answer choices.

Repeat this process until the student has completed the practice for all questions.

The following pages contain the questions corresponding to Science for grade 11.

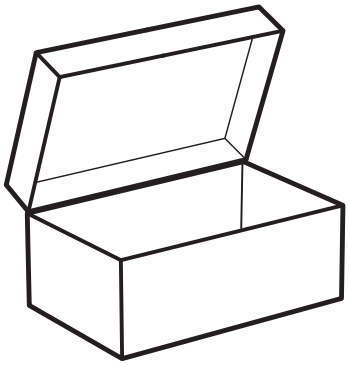
Administrator's Test Booklet	**Indicator SC_E.HS.5.5.F-c** **Matter and Weight** **DOK Level 1, Stage 2**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **Follow along as I read these sentences.** *Indicate.* **Matter has weight. A wooden box is made of matter.** **Here is a picture of a box that weighs five pounds.** *Indicate.*
ASK	**What is the weight of the box?** *Indicate and read answers.* A. **five pounds** B. **fifteen pounds** C. **twenty-five pounds**

NSCAS ALTERNATE
Indicator # SC_E.HS.5.5.F-c

Question 1

STUDENT TEST BOOK
Science Grade 11

Matter has weight. A wooden box is made of matter.



5 pounds

5 pounds **15 pounds** **25 pounds**

Administrator's Test Booklet	**Indicator SC_E.HS.8.3.C-c** **Food and Energy** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line in a story.)** **Follow along as I read these sentences.** *Indicate.* **Living things need energy to survive. Animals and people must eat food to get the energy they need to live.**
ASK	**What can people eat to get energy?** *Indicate and read answers.* A. **apple** B. **water** C. **sunlight**

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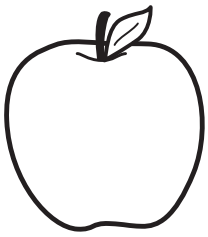
Indicator # SC_E.HS.8.3.C-c

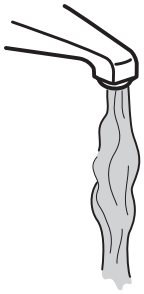
Question 2

STUDENT TEST BOOK
Science Grade 11

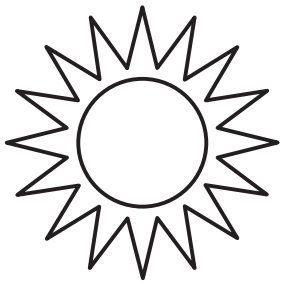
Living things need energy to survive. Animals and people must eat food to get the energy they need to live.



apple



water



sunlight

Administrator's Test Booklet	**Indicator SC_E.HS.4.4.E-c** **Energy** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increase the size of words and pictures.)** **Here are three measuring tools.** *Indicate.*
ASK	**What tool should be used to measure the temperature of water in a swimming pool?** *Indicate and read answers.* A. **clock** B. **thermometer** C. **scale**

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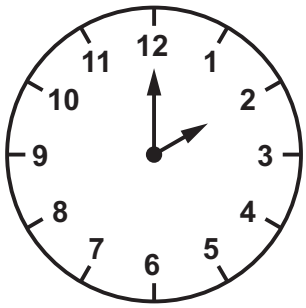
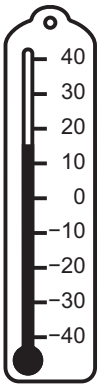
Indicator # SC_E.HS.4.4.E-c

Question 3

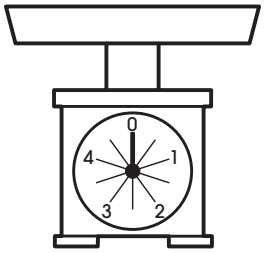
STUDENT TEST BOOK
Science Grade 11



clock



thermometer



scale

Administrator's Test Booklet	Indicator SC_E.HS.13.3.A-b Earth's Systems DOK Level 1, Stage 3
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Line Guide tool to help you keep track of each line in a story.)** **Follow along as I read this paragraph.** *Indicate.* **Water and wind slowly change the surface of Earth. When water and wind move over rocks, they cause the shape of rocks to change. Small pieces of the rock break off.**
ASK	**What changes the surface of Earth?** *Indicate and read answers.* A. **clouds** B. **sunshine** C. **wind**

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Indicator # SC_E.HS.13.3.A-b

Question 4

STUDENT TEST BOOK
Science Grade 11

Water and wind slowly change the surface of Earth. When water and wind move over rocks, they cause the shape of rocks to change. Small pieces of the rock break off.

clouds **sunshine** **wind**

Administrator's Test Booklet	**Indicator SC_E.HS.9.4.A-c** **Inherited Traits** **DOK Level 1, Stage 2**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background of the test window.)** **Animals inherit some physical traits from their parents. A kitten can inherit striped fur from its parents.** *Indicate parents.*
ASK	**Which kitten inherited striped fur from its parents?** *Indicate (but do not read) answers.* A. *kitten with striped fur* B. *all-white kitten* C. *calico kitten*

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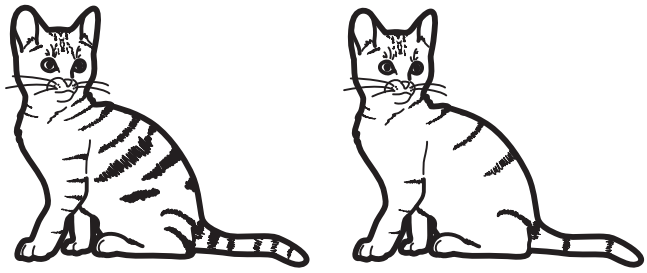
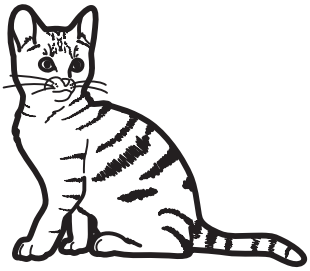
Indicator # SC_E.HS.9.4.A-c

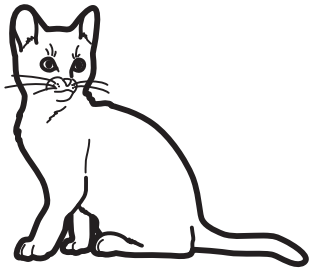
Question 5

STUDENT TEST BOOK
Science Grade 11



parents





Administrator's Test Booklet	**Indicator SC_E.HS.7.2.E** **Relationships in Ecosystems** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Masking tool to block off parts of a test question.)** **A student has an empty plastic bottle.** *Indicate.*
ASK	**What should the student do with the plastic bottle to help an ecosystem?** *Indicate and read answers.* A. **set it on a table** B. **drop it on the ground** C. **put it into a recycling bin**

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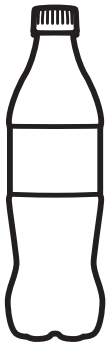
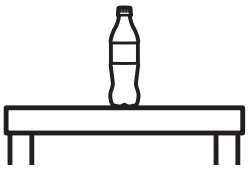
Indicator # SC_E.HS.7.2.E

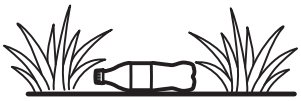
Question 6

STUDENT TEST BOOK
Science Grade 11





set it on a table



drop it on the ground

put it into a recycling bin

Administrator's Test Booklet	**Indicator SC_E.HS.8.3.D** **Matter and Energy** **DOK Level 1, Stage 3**
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Magnifier tool to increase the size of words and pictures.)** **Here is a food web.** *Indicate.* **Every living plant and animal needs energy to survive. A food web shows energy transfers between organisms.**
ASK	**What is the most direct source of energy for the rabbit?** *Indicate and read answers.* A. **grass** B. **deer** C. **wolf**

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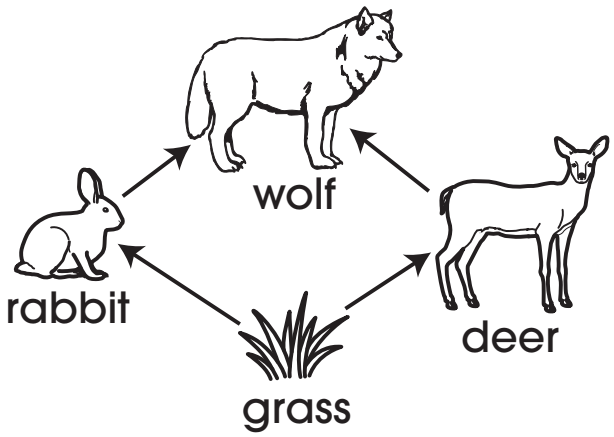
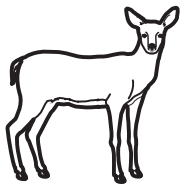
Indicator # SC_E.HS.8.3.D

Question 7

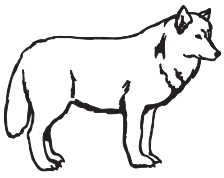
STUDENT TEST BOOK
Science Grade 11



grass



deer



wolf

Administrator's Test Booklet	Indicator SC_E.HS.6.1.C Structure and Function DOK Level 2, Stage 4
Prepare	• *Place student test page in front of the student.* • *Call student's attention to the page.*
SAY	**(Practice Hint: Use the Color Choices option to change the background of the test window.)** **Here is a food web.** *Indicate.* **Every living plant and animal needs energy to survive. A food web shows energy transfers between organisms.**
ASK	**Which organism would be most negatively affected by a decrease in the deer population?** *Indicate and read answers.* A. **grass** B. **rabbit** C. **wolf**

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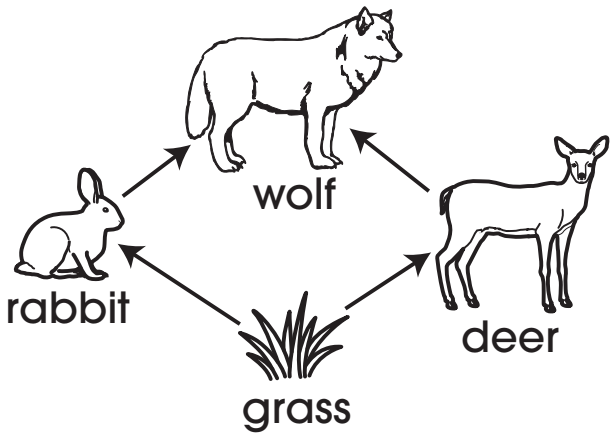
Indicator # SC_E.HS.6.1.C

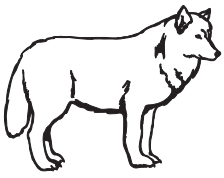
Question 8

STUDENT TEST BOOK
Science Grade 11



grass

rabbit



wolf

NSCAS–Alternate

Grade 11 OTT
Administration Manual

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