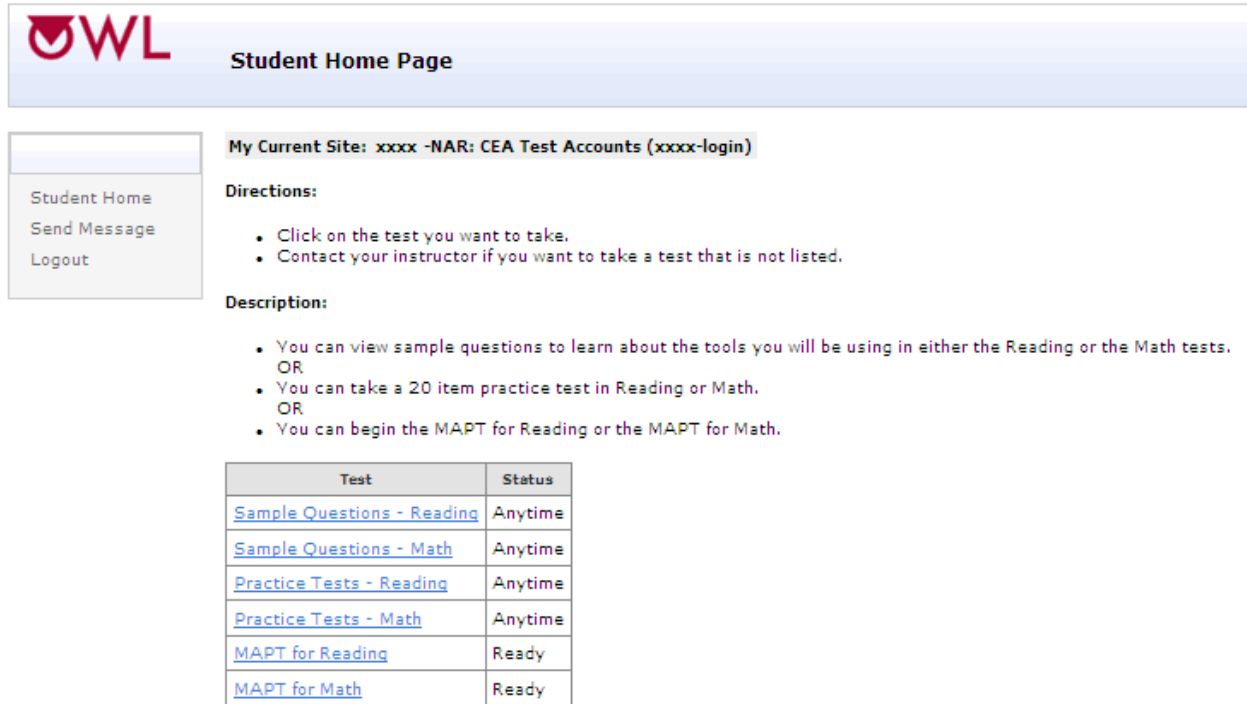


Module V. Sample Questions and Practice Tests

As noted previously, students have the option of completing Sample Questions and Practice Tests prior to completing the MAPT-CCR for Math and the MAPT-CCR for Reading. These can be accessed from the Student Home Page, as seen in the screen below.



The screenshot shows the OWL Student Home Page. On the left is a navigation menu with links for Student Home, Send Message, and Logout. The main content area displays the user's current site as 'xxxx -NAR: CEA Test Accounts (xxxx-login)'. Below this, there are sections for 'Directions' and 'Description', both containing bulleted instructions. At the bottom, a table lists available tests and their statuses.

My Current Site: xxxx -NAR: CEA Test Accounts (xxxx-login)

Directions:

- Click on the test you want to take.
- Contact your instructor if you want to take a test that is not listed.

Description:

- You can view sample questions to learn about the tools you will be using in either the Reading or the Math tests.
OR
- You can take a 20 item practice test in Reading or Math.
OR
- You can begin the MAPT for Reading or the MAPT for Math.

Test	Status
Sample Questions - Reading	Anytime
Sample Questions - Math	Anytime
Practice Tests - Reading	Anytime
Practice Tests - Math	Anytime
MAPT for Reading	Ready
MAPT for Math	Ready

First Time Test-Takers and Sample Questions

Students are required to complete the Sample Questions the first time they take the MAPT-CCR to ensure they understand the test directions, are able to navigate through the test, and can use the test components like the embedded calculator.

Students are scored on these questions so they can receive feedback that they are able to click on a radio button and are moving through the questions correctly. The score will be the number correct out of four questions. Students may repeat the Sample Questions as often as they like, so they can continue to practice until they score four out of four correct. Ideally, students should not move forward until they answer all four questions correctly. There is no time limit. Both students and test administrators may take the Sample Questions.

Students should not use the back button in the browser. They should use the links in the Student Home Page and the direction buttons that are on the screen.

After the first time students take the test, program staff can decide if students would benefit by completing the Sample Questions again before the next time the MAPT-CCR is taken.

Directions for Sample Questions

Once students click on “Sample Questions - Math” or “Sample Questions - Reading,” they will see a directions screen. The directions screen for Sample Questions - Math is shown below, but the directions screen for Sample Questions - Reading is quite similar.

OWL Test: Sample Questions - Math
Test Instructions

Student Home
Send Message
Logout

Directions:

- You will see 4 test questions.
- Use the **Submit and Next** button to submit your answer.
- Do not use your computer's **back** button.
- Press **Start The Test** to view the first question

Start the Test

Math Sample Questions

The first three questions in the MAPT-CCR for Math Sample Questions walk students through problems and tell students the answer. The fourth question in the Math Sample Questions set is an opportunity for students to practice the skill reviewed on their own.

Some of the Sample Math Questions may seem challenging (e.g., the questions related to using the calculator and the Formula Page), and test administrators may think to skip these for their Level 2 students. However, as of July 1, 2018, the Formula Page is available on all questions and the calculator is available for most questions, so it is to the student’s benefit to go over them. Students may go over the Sample Questions individually or with their test administrator before they take the MAPT-CCR for Math.

The next four screens presented are the four Sample Questions - Math.

Sample Question One for Math teaches learners how to click on a radio button to answer a question. The answer is given to ensure the skill of clicking on a radio button is the focus.



Student Home
Send Message
Logout

You are on question 1 of 4.

All MAPT questions use **radio buttons**.

1. Read the question.
2. Click on the empty circle (the radio button) next to your answer. After you click on the empty circle, it will look like this:
3. If you want to change your answer, you can click on another radio button.
4. When you are done, click on the **Submit and Next** button.

Try the following example.

What is $2 + 2$?

Click on the radio button next to 4 since this is the correct answer.

- 2
 3
 4
 5

Submit and Next

The two screens shown below (the second and third Math Sample Questions) are items that demonstrate how to access and use the onscreen calculator, because most questions on the MAPT-CCR for Math allow students to use a calculator. This gives students a chance to familiarize themselves with how this calculator works.

Note that in the MAPT-CCR for Math, learners may use a calculator at any time except for the very few questions that do not have a calculator embedded onscreen.



- Student Home
- Send Message
- Logout

You are on question 2 of 4.

Almost all questions on the MAPT will have a **calculator** you can use. This is a basic calculator that follows the order of operations. The button to access the calculator will appear above the question. You can only use a calculator on the questions where the calculator is present.

1. Read the question.
2. Use the mouse to click on button that says "Show Calculator." The calculator will open on the page, and the text of the item will shift down.
3. Use the mouse to click on the the first number you want to enter into the calculator. You will see it appear in the white box at the top of the calculator.
4. Click on the operation you want to do (for example, the + sign or the - sign).
5. Click on the next number you want to enter. You will see it appear in the white box at the top of the calculator.
6. When you finish entering the numbers and operations you need to solve your question, click on the = sign. Your answer will be in the white box at the top of the calculator.
7. If you need to start again, click on the AC button to clear any information you have entered and start again.
8. If you want to close the calculator, click on "Hide calculator" at any time and the calculator will close. You can access the calculator as often as you want, on any questions where it is available.

Let's do the following example together.

[▶ Show Formula Page](#) [▶ Show Calculator](#)

What is 6×2 ?

1. Click on the button that says "Show Calculator" to open the calculator.
2. Click on the **6**. You will see a 6 in the white box at the top of the calculator.
3. Click on the **x** sign. You will see a dot (.) after the 6. This is a decimal point to show it is a whole number.
4. Click on **2**. You will see a 2 in the white box at the top of the calculator.
5. Click on = and 12 will be in the white box at the top of the calculator. This is your answer.
6. Click on the radio button next to the 12 to select that as your answer.

- 2
- 3
- 6
- 12

Submit and Next



- Student Home
- Send Message
- Logout

You are on question 3 of 4.

As noted on the previous item, you can only use a calculator on the questions where the calculator is present.

Let's do the following example together.

- [Show Formula Page](#)
- [Show Calculator](#)

A teacher wants to know how many students are in the three programs listed in the table below.

Program Name	Number of Students
Bank Street	15
Olive Road	20
Daisy Lane	10

How many students are there in all?

1. Click on the button that says "Show Calculator" to open the calculator on your screen. The question has moved down on the page, but it is still there.
 2. Click on the **1** then the **5**. You will see 15 in the white box at the top of the calculator.
 3. Click on the **+** sign. You will see a dot (.) after the 15. This is a decimal point to show it is a whole number.
 4. Click on **2** then on **0**. You will see 20 in the white box at the top of the calculator.
 5. Click on the **+** sign. You will see 35 in the white box. The calculator is adding the first two numbers together.
 6. Click on **1** then on **0**. You will see 10 in the white box.
 7. Click on **=** and 45 will be in the white box. This is your answer.
 8. Click on the radio button next to the 45 students to select that as your answer.
- 10 students
 - 15 students
 - 20 students
 - 45 students

Submit and Next

The fourth and final Math Sample question (shown below) includes the link to the Formula Page, which is made available for all questions.

The link to access the Formula Page is shown above the fourth Sample Question - Math. The Formula Page can be printed so that students can access a hard copy during the test. The Formula Page is available for use with all questions.

Note that in this sample question, the goal is to ensure students understand how to open and use the "Math Formula" page link.



- Student Home
- Send Message
- Logout

You are on question 4 of 4.

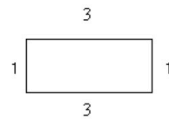
All questions will have a **Math Formula Page** you can use.

1. To see the formula page, click on the button "Show Formula Page".
2. When you click on the button you will see the math formula open on the page. The item is still on the same page, but it will have moved down on the page.
3. You can scroll down the page to see all of the formulas that are listed, and then see the question.
4. You can use the formula page on all questions on the MAPT.
5. If you want to close the formula page, click on the text that says "Hide Formula Page" and it will close. You can reopen it as often as you want.

An example is shown below.

[▶ Show Formula Page](#) [▶ Show Calculator](#)

What is the perimeter of the rectangle shown below?



Try answering this question on your own using the Math Formulas link.

- 1
- 3
- 6
- 8

Submit and Next

Math Formula Page

▼ [Hide Formula Page](#)

MAPT Formula Page

Formulas that you may need to solve some questions on this exam are found below.
Please note that formulas are not necessary for all items.

CIRCUMFERENCE:

Circle Circumference = π (diameter) [use 3.14 as approximation for π]

AREA:

Parallelogram Area = (base) (height)

Trapezoid Area = $\frac{1}{2}$ (base₁ + base₂) (height)

Triangle Area = $\frac{1}{2}$ (base) (height)

Circle Area = π (radius)² [use 3.14 as approximation for π]

VOLUME:

Cylinder/Prism Volume = (area of base) (height)

Pyramid Volume = $\frac{1}{3}$ (area of base) (height)

Cone Volume = $\frac{1}{3}$ (area of base) (height)

Sphere Volume = $\frac{4}{3} \pi$ (radius)³ [use 3.14 as approximation for π]

PYTHAGOREAN RELATIONSHIP:

$$a^2 + b^2 = c^2$$

where **a** and **b** are legs and **c** is the hypotenuse of a right triangle

QUADRATIC FORMULA:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

MEASURES OF CENTRAL TENDENCY:

Mean or Average is the equal to the total of the values in a data set divided by the number of elements in the data set.

Median is the middle value in an odd number of ordered values of a data set, or the mean of the two middle values in an even number of ordered values in a data set.

COORDINATE GEOMETRY:

$$\text{slope} = \frac{\text{change in } y}{\text{change in } x}$$

SIMPLE INTEREST:

(principal) (rate) (time)

DISTANCE:


(rate) (time)

Version: February 20, 2018

Reading Sample Questions

For the Reading sample questions, the goal is to provide practice with forward navigation, radio button use, the appearance of passages and graphics, and scrolling. Note that the test questions are bolded in the next four screens displayed as well as in the actual test.


The first Sample Question for Reading teaches students how to click on a radio button to answer a question.

**Test: Sample Questions - Reading Question**Welcome Jessie Doe !

[Student Home](#)
[Send Message](#)
[Logout](#)

You are on question 1 of 4.

All MAPT questions use **radio buttons**.

1. Read the question.
2. Click on the empty circle (the radio button) next to your answer. After you click on the empty circle, it will look like this: 
3. If you want to change your answer, you can click on another radio button.
4. When you are done, click on the **Submit and Next** button.

Try the following example.

What is the first letter of the word January?

Click on the radio button next to J since that is the answer.

- A
- G
- J
- Z

The second and third Sample Questions for Reading explain the type of reading selections learners will see on the MAPT-CCR. Students may encounter poetry, a long or short reading passage, a quotation, or even an advertisement. The term “Reading selection” refers to all of these types of print. Test-takers also learn that more than one question may be associated with one reading selection, but that selection will not change between questions. The test question is bolded to offset it from the reading selection.



Test: Sample Questions - Reading Question

Welcome Jessie Doe !

Student Home
Send Message
Logout

You are on question 2 of 4.

Some questions might include a **reading selection**.

- The directions will tell you how many questions go with that reading selection.
- The reading selection will not change between questions.
- The question will be in **bold** letters following the selection.

An example is shown below and in the following question.

Read the selection below and answer the 2 questions that follow. The selection will not change between these questions.

Mary liked to go to school. She liked to read and learn new things. Mary also liked to learn new things in math. Mary always told her sister what she learned at school.

Which person did Mary tell about what she learned at school?

The answer is sister, so you will click the radio button next to sister.

- brother
- father
- mother
- sister

Submit and Next



Test: Sample Questions - Reading Question

Welcome Jessie Doe !

Student Home
Send Message
Logout

You are on question 3 of 4.

Mary liked to go to school. She liked to read and learn new things. Mary also liked to learn new things in math. Mary always told her sister what she learned at school.

What did Mary like about school?

The answer is learning, so you will click the radio button next to learning.

- running
- lunch
- recess
- learning

Submit and Next



Student Home
Send Message
Logout

You are on question 4 of 4.

Some questions might include a **graphic** (for example, a chart, table, form, or picture). Make sure you read everything in the graphic for these questions. The question will follow the graphic and be in **bold**.

An example is shown below.

Try answering this question on your own.

Use the form below to answer the following question.

Complete the form below.

1 _____
Name

2 _____
Address

3 _____
Phone number

4 _____
Email


What is the first step to complete the form?

- Name
- Address
- Phone number
- Email

Submit and Next

Sample Questions Results

When students complete the Sample Questions - Math or the Sample Questions - Reading, they are presented with a test results screen, as shown below.

**Test: Sample Questions - Math**Welcome Jessie Doe !
Test Results

- Student Home
- Send Message
- Logout

- Thank you for taking the test.
- Your results are shown below.
- Click on:
 - **Student Home** if you want to take another test.
 - **Logout** if you are finished testing.

Name: Jessie Doe
SMARTT ID: jdoe
Current site: -NAR: CEA Test Accounts (xxxx-login)

Test finished on: 11/9/2009 10:12 AM

Your Score: 4 out of 4



Test: Sample Questions - Reading
Test Results

Welcome Jessie Doe !

[Student Home](#)
[Send Message](#)
[Logout](#)

- Thank you for taking the test.
- Your results are shown below.
- Click on:
 - **Student Home** if you want to take another test.
 - **Logout** if you are finished testing.

Name: Jessie Doe
SMARTT ID: jdoe
Current site: -NAR: CEA Test Accounts (xxxx-login)


Test finished on: 11/9/2009 10:15 AM

Your Score: 4 out of 4

The MAPT-CCR Practice Tests

Practice tests are optional. They are available to give students a sense of what the test will be like. It is strongly urged for test administrators to go through practice tests to get a sense of levels and select the appropriate level for students taking the test for the first time.

The Practice Tests can be accessed from the Student Home Page (below).

Welcome Jessie Doe !

Student Home Page

Student Home
Send Message
Logout

My Current Site: xxxx -NAR: CEA Test Accounts (xxxx-login)

Directions:

- Click on the test you want to take.
- Contact your instructor if you want to take a test that is not listed.

Description:

- You can view sample questions to learn about the tools you will be using in either the Reading or the Math tests.
- OR
- You can take a 20 item practice test in Reading or Math.
- OR
- You can begin the MAPT for Reading or the MAPT for Math.

Test	Status
Sample Questions - Reading	Anytime
Sample Questions - Math	Anytime
Practice Tests - Reading	Anytime
Practice Tests - Math	Anytime
MAPT for Reading	Ready
MAPT for Math	Ready

Choosing Practice Test Levels

The names of the Practice Test levels, as shown in the following two screens, mirror the CCRSAE and NRS levels. With these Practice Tests, test administrators and the students themselves can get a sense of how the levels differ from each other. Practice Tests test the functionality of the computer setup, and helps test administrators determine the correct level at which new students should start the test. There are 20 questions per level.



Test: Practice Tests - Math Choose Test

Student Home
Send Message
Logout

Test Selection

Your teacher will tell you which test to select.

Choices
Math Practice Test 2 - Beginning AE
Math Practice Test 3 - Low Intermediate AE
Math Practice Test 4 - High Intermediate AE
Math Practice Test 5 - Low Adult Secondary Education

Reading Practice Tests



Test: Practice Tests - Reading Choose Test

Student Home
Send Message
Logout

Test Selection

Your teacher will tell you which test to select.

Choices
Reading Practice Test 2 - Beginning AE
Reading Practice Test 3 - Low Intermediate AE
Reading Practice Test 4 - High Intermediate AE
Reading Practice Test 5 - Low Adult Secondary Education

Directions for the Practice Tests

The directions for the Math and Reading practice tests are the same, and the directions for the Practice Tests - Math are displayed below as an example.



Test: Practice Tests - Math
Test Instructions

Welcome Jessie Doe !

Student Home
Send Message
Logout

Directions:

- You will see 20 test questions.
- Use the **Submit and Next** button to submit your answer.
- Do not use your computer's **back** button.
- Press **Start The Test** to view the first question

Start the Test

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Reminder: Do Not Use the Back Button

Please note that students may NOT go back to review a question already answered. In the directions for taking the MAPT-CCR, students are asked not to use their computer's "back" button. If they do, they will see the error message displayed in the screen below. Students may then click on "Return to the Test," and they will continue where they left off.



Test: Practice Tests - Math
Error

Welcome Jessie Doe !

Student Home
Send Message
Logout

Sorry, you cannot go back to a previous question.

Return to the Test

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