



TIMSS
2027

Field Test

Assessment Script



cmec

Council of
Ministers
of Education,
Canada

Conseil des
ministres
de l'Éducation
(Canada)



TIMSS & PIRLS
BOSTON COLLEGE

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Introduction

In order to ensure that the TIMSS testing sessions are conducted in the same way in all countries, you **must follow this script**. Please note the text formatting below.

1. Text that is marked with the  symbol and highlighted in grey is instructions that must be read aloud to the students **WORD-FOR-WORD**.
2. Text that is not highlighted in grey is not to be read aloud; these are instructions for you only.
3. All instructions related to the USB method are **surrounded by dotted lines**.

Although you should become familiar with these instructions before the actual testing session, do not attempt to memorize them. Read these instructions exactly as they are written.

Before the students arrive, you will need to set up the student devices and launch the *TIMSS Player*. Instructions for the online and USB administration methods are explained below.

For the online method, load the assessment platform by following the link below. Please note that Google Chrome is the recommended browser for the TIMSS assessment.

TIMSS Assessment Link → timss.ca/test

For the USB method, each USB key has been preassigned to a specific student on the Student Tracking Form. Ensure that each student sits at the device that has the USB key designated to them as indicated on the Student Tracing Form. You can designate the devices either by labelling them with student names or by placing the Student Login Forms in front of the devices.

When the students first arrive, you should begin by welcoming them to the TIMSS testing session. Ensure that each student receives the Student Login Form that has their name.

Explain that the assessment will begin after all the students are seated in their designated seats. Walk around the room to confirm that each student is seated in front of the correct device before beginning the directions.

If a student is absent, put the Student Login Form labelled with their name aside. Do not give it to anyone else, since the credentials are uniquely assigned to selected students.

Using the Student Login Form, students should enter their unique login information on the login page to access the assessment.

The first section of the assessment is the “Directions” which explains how the students will answer various types of questions (e.g., typing in an answer with the keyboard, choosing all that apply). Although you will give the students a password to begin the “Directions” section,

this part of the session is not timed, and students should be guided through the directional screens as a group.

Make sure to answer any of the students' questions and help them understand how to enter their answers for the different types of questions. Encourage students to pay close attention and use this time to become familiar with the various *TIMSS Player* features.

Once the students have completed the Directions, you will give them the password to start Part 1. Please note that both Part 1 and Part 2 are strictly timed by the *TIMSS Player* to last no more than **36 minutes** each. After the time is up in each part, the system will automatically log out. Students will need the password in order to log in to the next section. These passwords should not be given out until the whole class is ready to begin the section.

While the students are working on the test, record the students' participation status in the Student Tracking Form. The participation codes to be used can be found in the legend at the bottom of the form. For more information on the Student Tracking Form, please refer to the CMEC school website, cmec.ca/TIMSS, and select **FORMS** from the top menu bar.

1 TIMSS Assessment Script

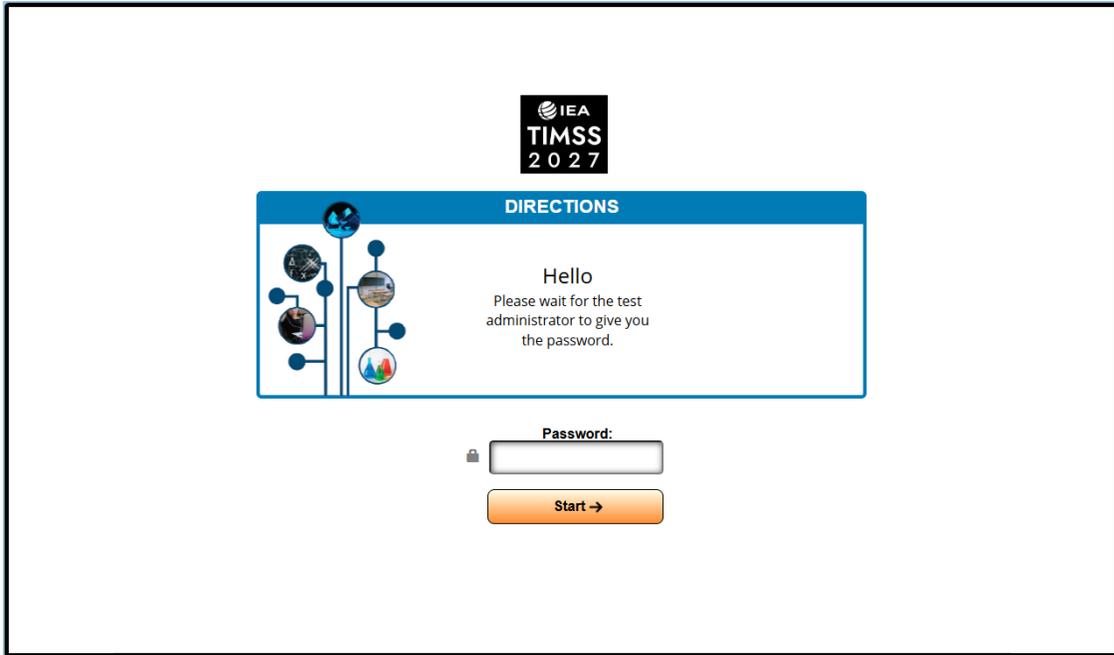
1.1 Directions

Once all students are seated, record the current time in the appropriate cell of the Session Report Form. Then read the following:

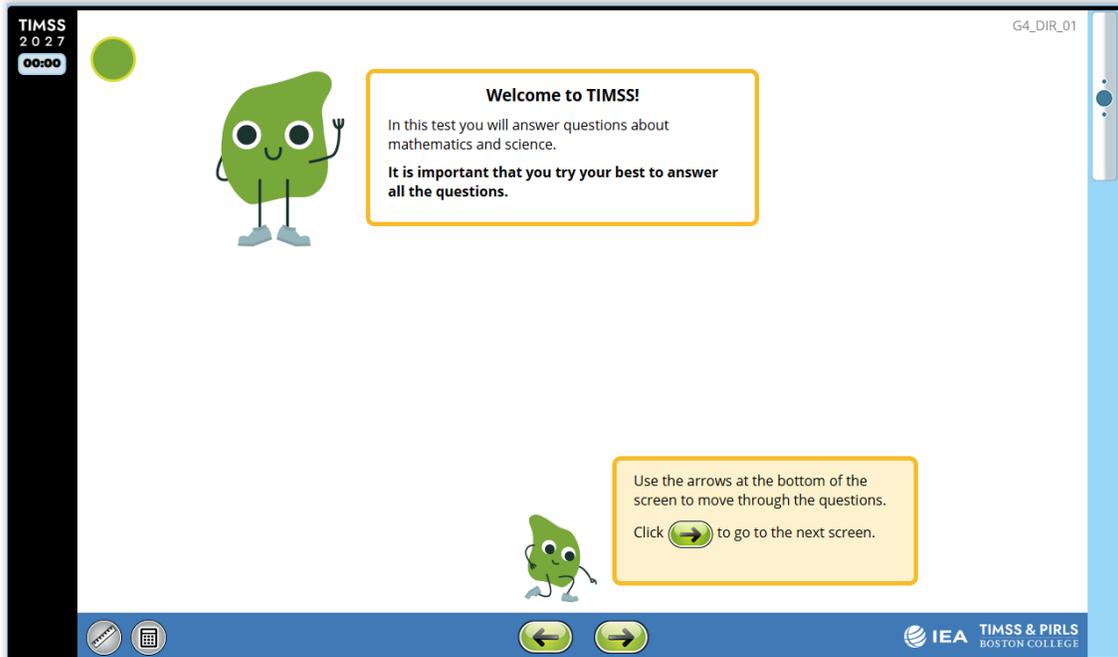
-  Your school has been chosen to take part in an important international assessment to study what students around the world know and can do in mathematics and science.
-  If you still have any schoolbooks or papers on your desk, please put them away. You should have some scratch paper and a pen or pencil available on your desk. If you need more paper during the test, please raise your hand and I will bring it to you. Except for the device you are using for TIMSS, all electronic devices, including calculators, must be stored away.

If needed, give the students a minute to store away their belongings. Then, continue reading.

-  We will begin with Directions. The directions explain how to answer the different types of questions in this test. If during the test you face a question which has not been explained or you need a reminder on how to proceed, please raise your hand.
-  After the directions, you will begin Part 1 of the test. After Part 1 of the test, there will be a short break, and then you will work on Part 2.
-  We are going to work through the directions together, so please wait for me to tell you when to go on.
-  Please click on the “Password” box. Type **0000** and click “Start” to begin.



 You should now see the Directions Screen 1, “Welcome to TIMSS!”



 In this test, you will answer questions about mathematics and science. It is important that you try your best to answer all the questions.

 Use the arrows at the bottom of the screen to move through the questions. Click the forward arrow button to move on to the next screen.

The screenshot shows the TIMSS 2027 assessment interface. At the top left, it says 'TIMSS 2027' and '00:00'. At the top right, it says 'G4_DIR_02'. The main content is titled 'Clock, Progress Bar, and Ruler' and is divided into three sections, each with a green character icon.

Section 1: A green character icon is on the left. The text says: 'You will have 36 minutes for the first part of the test. After a short break, you will work for another 36 minutes. A **clock** in the top left corner will show how much time is left for each part, like this:'. Below the text is a digital clock showing '29:40'.

Section 2: A green character icon is on the left. The text says: 'On the left side of the screen, there is a **progress bar** with a button for each screen. While you are on a screen, its button is green. If you answer a question, the button for that screen will turn blue. If you do not answer the question, the button will remain grey.' To the right of the text are three buttons: a green one, a blue one, and a grey one.

Section 3: A green character icon is on the left. The text says: 'Click  to open the **ruler**. Practise moving and rotating the ruler. The ruler is available when you need it to answer a question.' To the right of the text is a blue ruler icon.

At the bottom of the screen, there is a blue bar with several icons: a ruler, a calculator, a left arrow, and a right arrow. On the far right of the blue bar, it says 'IEA TIMSS & PIRLS BOSTON COLLEGE'.

-  A clock at the top left of your screen will show how much time is left for each part.
-  The progress bar on the left of the screen will help you keep track of where in each part of the test you are. While you are on a screen, its button is green. If you answer a question, the button for that screen will turn blue. If you do not answer the question, the button will remain grey.
-  The ruler tool will be available when you need it to answer a question. Click the blue ruler icon at the bottom of the screen to see the ruler. To move the ruler to a new place on the screen, click and drag it. Click and drag the arrow symbol to turn the ruler.

Pause for a few seconds while students use the ruler.

-  Let's move to the next screen.

TIMSS 2027 00:00 G4_DIR_03

Choose Your Answer

If you are not sure about an answer, choose the answer you think is best.

Choose one answer

How many minutes are there in an hour?

A 12

B 24

C 60

D 120

Choose from the drop-down menu

Use the drop-down menu to show how many days there are in a week.

Choose one. ▾

For questions like this one, click the circle next to your choice.

Use the scrollbar to see the rest of the screen.

Click "Choose one." to see the possible answers and then click your choice.

Practise choosing your answer.

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Here you will learn about questions for which you need to choose your answer. If you are not sure about an answer, choose the answer you think is best.

Sometimes, you will choose one answer by clicking the circle next to your choice. You can try it in the question shown here.

Pause for a couple of seconds.

For this screen, you need to use the scrollbar on the right side of the screen to see the rest of the screen. Please scroll down now.

TIMSS 2027 00:00

Use the scrollbar to see the rest of the screen.

G4_DIR_03

Choose from the drop-down menu

Use the drop-down menu to show how many days there are in a week.

Choose one. ▾

Click "Choose one." to see the possible answers and then click your choice.

Practise choosing your answer.

Choose more than one answer

Click **all** the animals that have four legs.

Here, you need to choose more than one answer.

Practise by clicking **all** the answers that you think are correct.

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 Now practise using a drop-down menu to choose your answer. Click "Choose one." to see the possible answers and then click your choice.

Pause and ask if there are any questions. If there are no questions, continue.

 In the next example, you need to choose more than one answer. Practise by clicking all the answers that you think are correct.

Pause and check that students seem to be following along and ask if there are any questions. If there are no questions, continue.

 Let's move to the next screen.

 For some questions, you will be asked to drag words, numbers, or pictures to show your answer. Practice dragging by clicking and holding a number. Drag it to the box below and release it when the number is over the box.

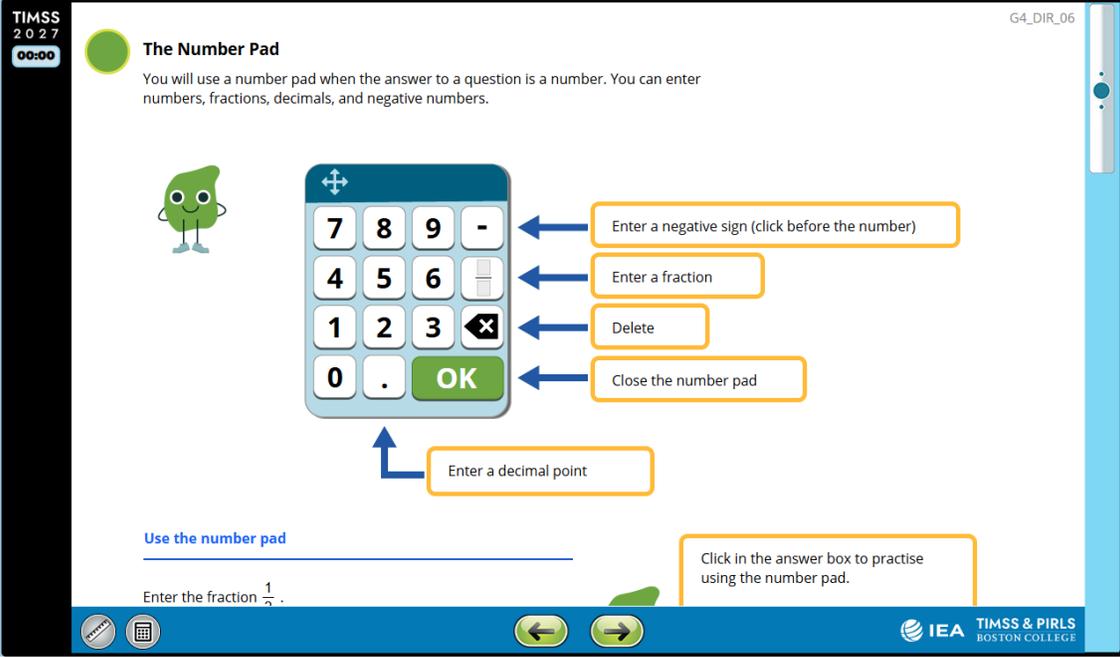
Pause and check that students seem to be following along and ask if there are any questions. If there are no questions, continue.

 Let's move to the next screen.

 This example shows a question where you are asked to match words, numbers, or pictures in two columns. Practice by clicking one circle in the left column and then one circle in the right column. A line will show the match you made. To change your answer, you need to click in one of the selected circles twice.

Pause and check that students seem to be following along and ask if there are any questions. If there are no questions, continue.

 Let's move to the next screen.



TIMSS 2027
00:00

The Number Pad

You will use a number pad when the answer to a question is a number. You can enter numbers, fractions, decimals, and negative numbers.

Enter a negative sign (click before the number)

Enter a fraction

Delete

Close the number pad

Enter a decimal point

Use the number pad

Enter the fraction $\frac{1}{2}$.

Click in the answer box to practise using the number pad.

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The screenshot displays the TIMSS 2027 assessment interface. At the top left, it shows 'TIMSS 2027' and a timer at '00:00'. A green cartoon character is visible. The main area features a number pad with buttons for digits 0-9, a negative sign (-), a fraction button (represented by a fraction bar), a delete button (X), and an OK button. A decimal point button (.) is also present. Blue arrows point from yellow callout boxes to these buttons with the following instructions: 'Enter a negative sign (click before the number)' for the '-' button, 'Enter a fraction' for the fraction button, 'Delete' for the 'X' button, 'Close the number pad' for the 'OK' button, and 'Enter a decimal point' for the '.' button. Below the number pad, there is a section titled 'Use the number pad' with a prompt 'Enter the fraction $\frac{1}{2}$.' and an 'Answer:' field. A green cartoon character is next to a text box that says: 'Click in the answer box to practise using the number pad. You can move the number pad anywhere on the screen by clicking [drag icon] and dragging it.' The bottom of the screen has a blue bar with navigation arrows and the IEA TIMSS & PIRLS BOSTON COLLEGE logo.

When the answer to a question is a number, you will use a number pad to give your answer. With the number pad you can enter numbers, fractions, decimals, and negative numbers. The picture shows what the buttons on the number pad are used for.

Remember to scroll to see the rest of the screen.

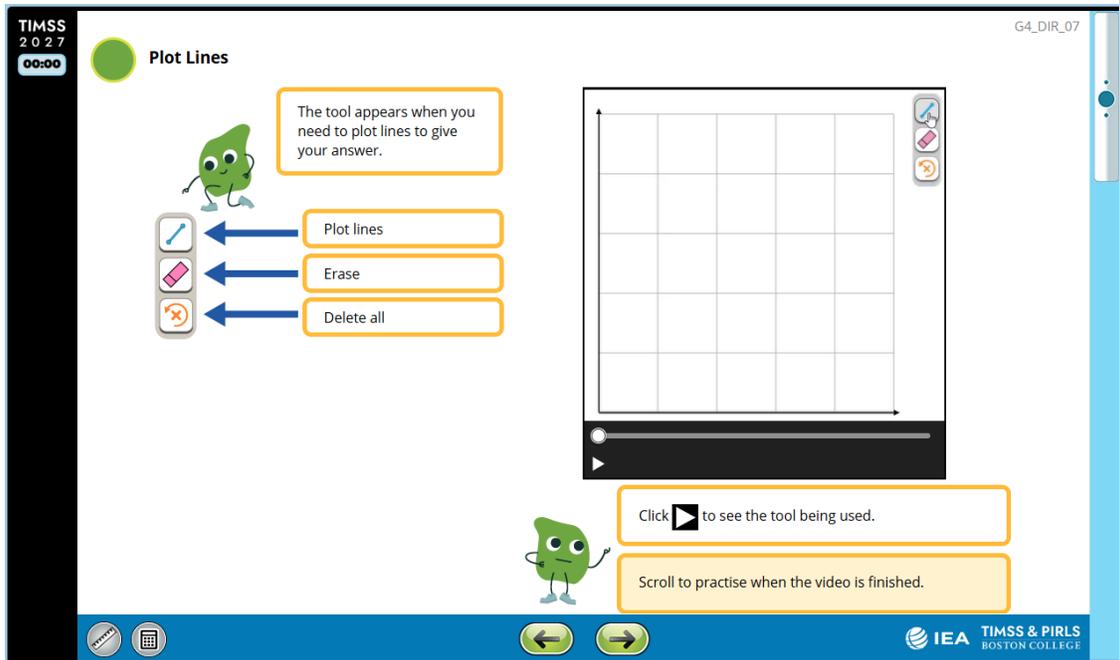
Click in the answer box to practise using the number pad. Enter the fraction $\frac{1}{2}$ using the number pad. First click on the Fraction button, then enter the numerator (top number) and the denominator (bottom number).

Pause for a few seconds and ask if there are any questions. If there are no questions, continue.

Sometimes you might need to move the number pad if it's hiding something on the screen. You can do this by clicking on the top part of the number pad and dragging it.

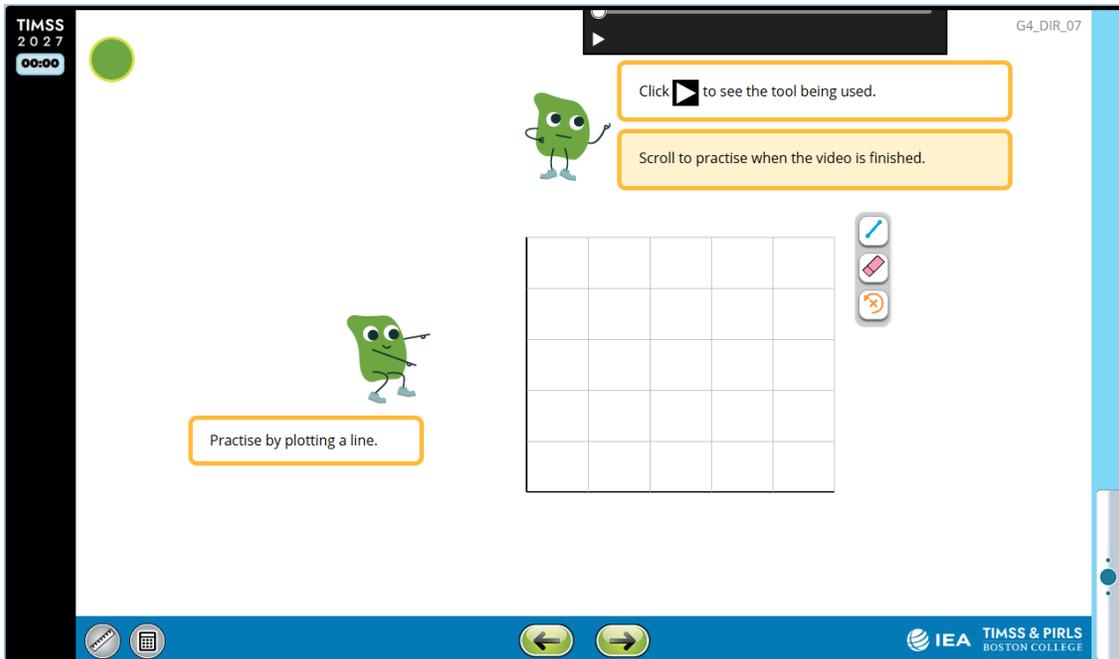
Pause for a few seconds and ask if there are any questions. If there are no questions, continue.

Please move to the next screen.



📖 Sometimes you may be asked to plot lines on a grid or a picture. The tool to do this is shown here.

📖 Click the play button to see how to plot lines, erase lines, and delete all your work.

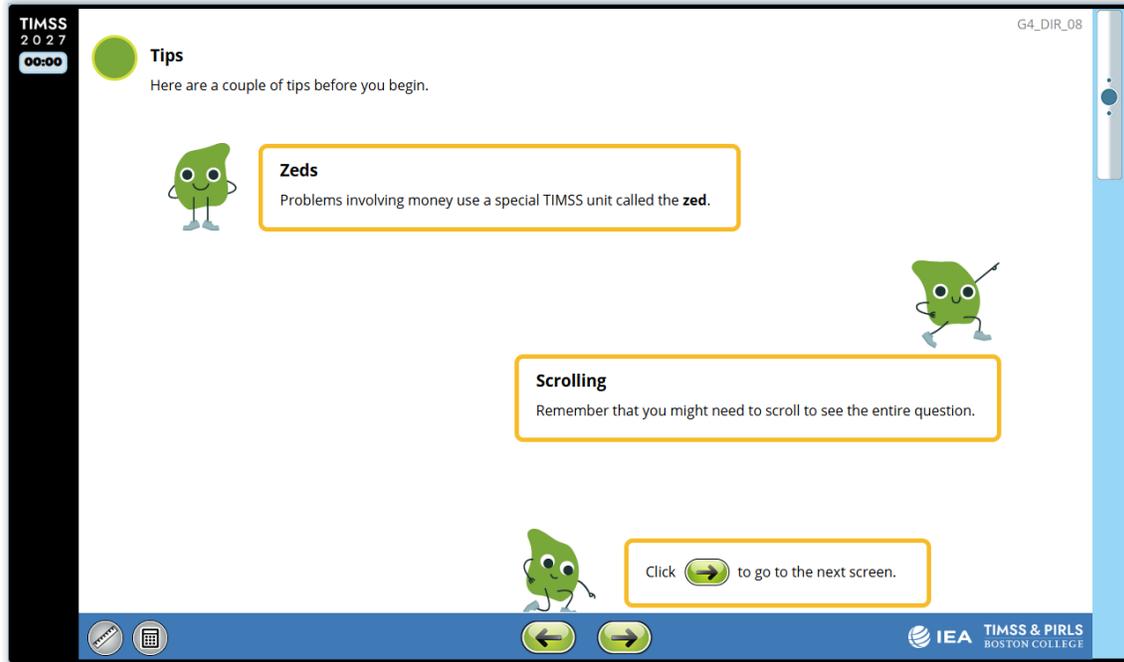


Help any students who need assistance starting the video. Wait until the video has finished playing for most students and then continue.

📖 Scroll to see the rest of the screen and practise plotting a line on the grid.

Give the students a few seconds to practise. Check to see if any students have questions about how to use the tool. If there are no questions, continue reading.

 Let's move to the next screen.



TIMSS 2027
00:00

G4_DIR_08

Tips
Here are a couple of tips before you begin.

Zeds
Problems involving money use a special TIMSS unit called the **zed**.

Scrolling
Remember that you might need to scroll to see the entire question.

Click  to go to the next screen.

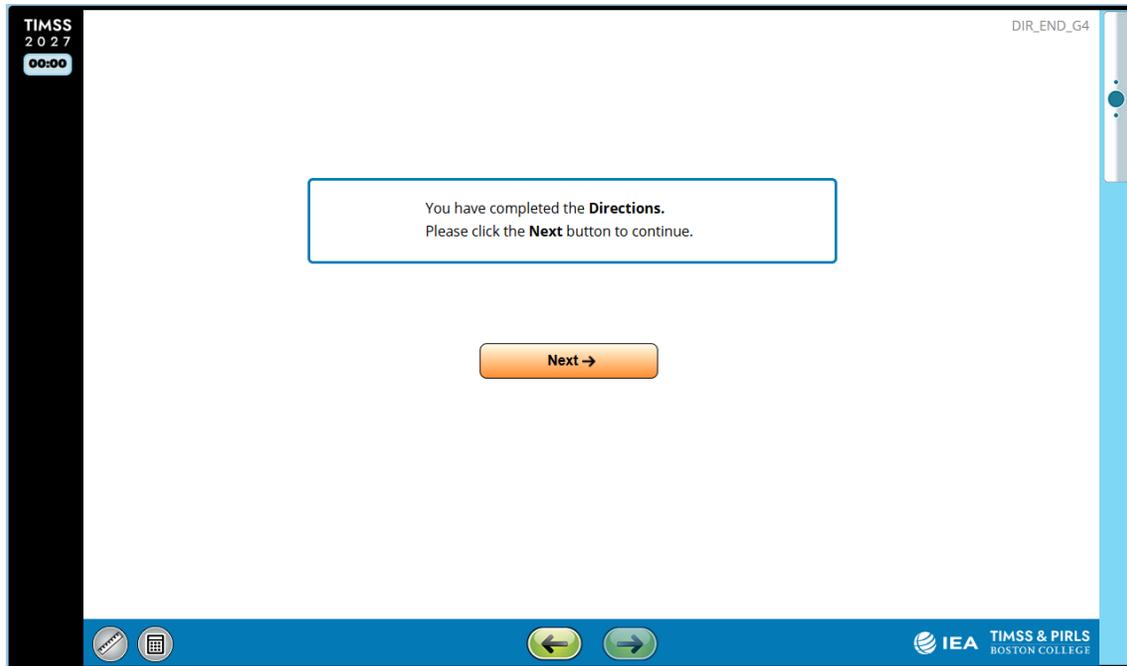
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 Here are a couple of tips for you before you begin the test.

 Questions involving money in the TIMSS test use a special TIMSS unit called the Zed. Think of the Zed as being like a dollar.

 While working on the test, always check to see if you need to scroll to see everything on the screen.

 Now, click the forward arrow button to go to the last Directions screen.

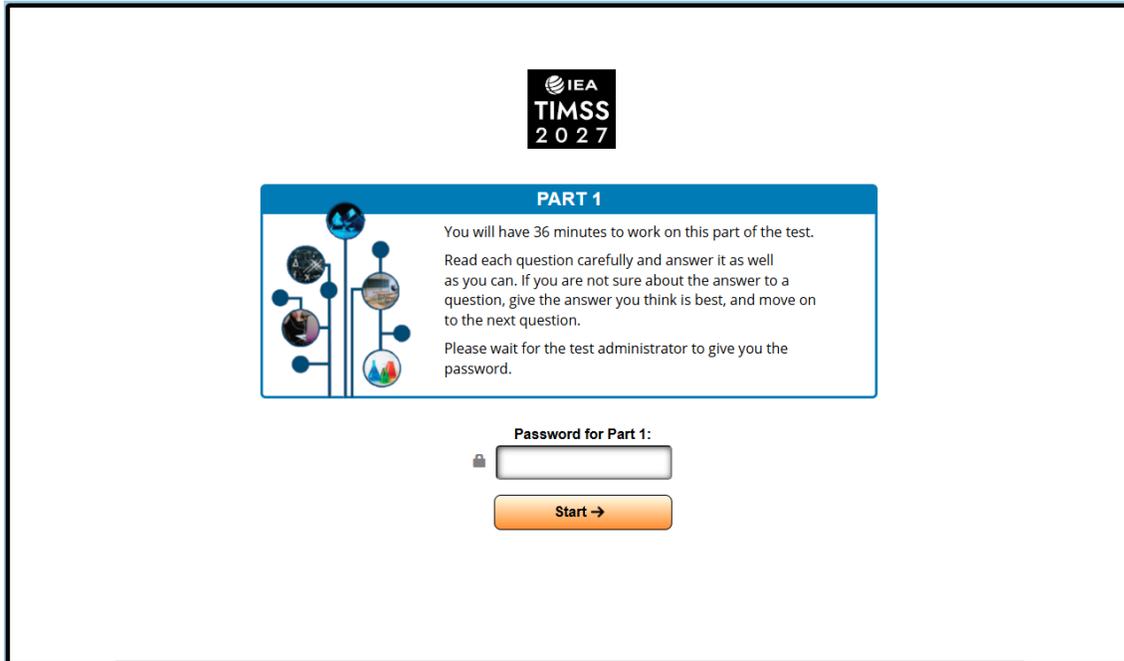


 You have now completed the Directions.

 Please click the “Next” button to continue.

1.2 Part 1 of the TIMSS Test

 Everyone should now be looking at the screen that says Part 1. If you do not see the Part 1 screen, please raise your hand.



If no students raise their hand, then continue. Otherwise, help students get started.

-  You will have 36 minutes to work on this part of the test.
-  Read each question carefully and answer it as well as you can. If you are not sure about the answer to a question, give the answer you think is best, and move on to the next question.
-  If you complete Part 1 before the time is up and have reviewed your work, you may click Next to exit Part 1 of the test and sit quietly or read a book at your desk. You cannot go back to the questions once you click the “Next” button to exit.
-  Do you have any questions?

When all problems, if any, are resolved, you may provide the Password for Part 1.

 Now please click on the “Password for Part 1” box. Type **6229** and click “Start” to begin.

Now record the current time in the appropriate cells of the Session Report Form.

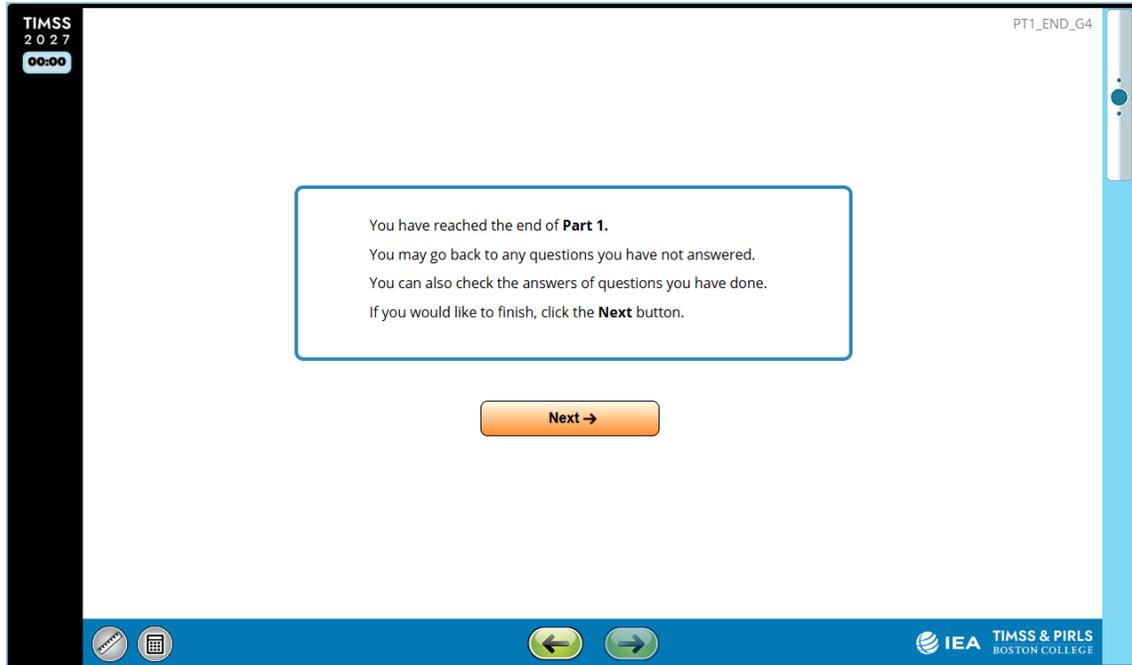
After about 30 minutes, 5 minutes before the end of the session, say:

 Your device might have or soon will remind you that you have 5 minutes left before the break. If you have reached the end of Part 1, you may go back to any questions you have not answered. You can also check the answers to questions you have done.

 If you have finished and exited Part 1, please wait for the others to finish.

After the last 5 minutes have passed, say:

 The 36 minutes to work on the first part of the test have passed. If you have not exited Part 1 yet, the system will exit Part 1 automatically once the time is up on your device.



At this time, record the current time in the appropriate cell of the Session Report Form.

When all students have exited Part 1 (either by logging out themselves or by the system exiting them) say:

 We will now take a break of up to 30 minutes. Please be back on time.

Do **NOT** give students the password to continue until after the break. Give the students a precise time to be back from the break.

Because the devices will be left with the *TIMSS Player* running, do not leave the room unattended during the break.

1.3 Part 2 of the TIMSS Test

After the break, ask the students to be seated. Make sure each student is seated at the correct device.

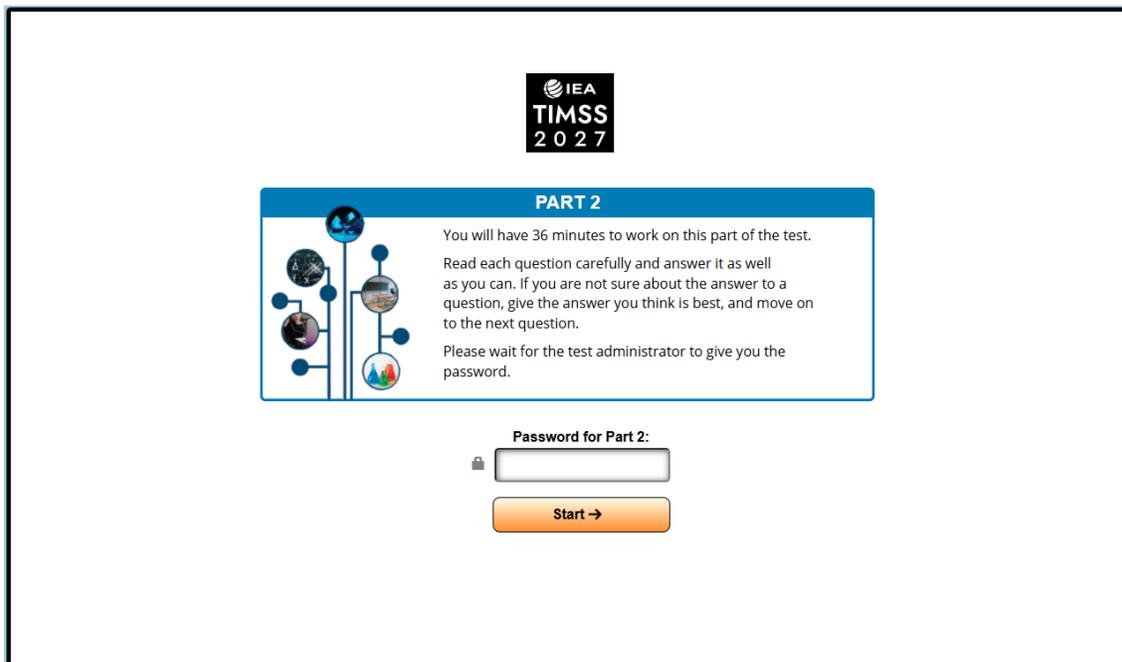
If the browser has accidentally closed, please have students re-enter the URL (timss.ca/test) and log in again. This will bring them to the Part 2 login screen.

Record the current time in the appropriate cell of the Session Report Form.

 Welcome back. Is everybody sitting at the same device as before?

 Is everybody looking at the screen that says Part 2?

If yes, then continue. If no, help students get started.



 You will have 36 minutes to work on this part of the test.

 Read each question carefully and answer it as well as you can. If you are not sure about the answer to a question, give the answer you think is best, and move on to the next question.

 If you complete Part 2 before the time is up and have reviewed your work, you may click “Next” to exit Part 2 of the test and sit quietly or read a book at your desk. You cannot go back to the questions once you click the “Next” button to exit.

 Do you have any questions?

When all problems, if any, are resolved, you may provide the Password for Part 2.

Now click on the “Password for Part 2” box. Type **8972** and click “Start” to begin.

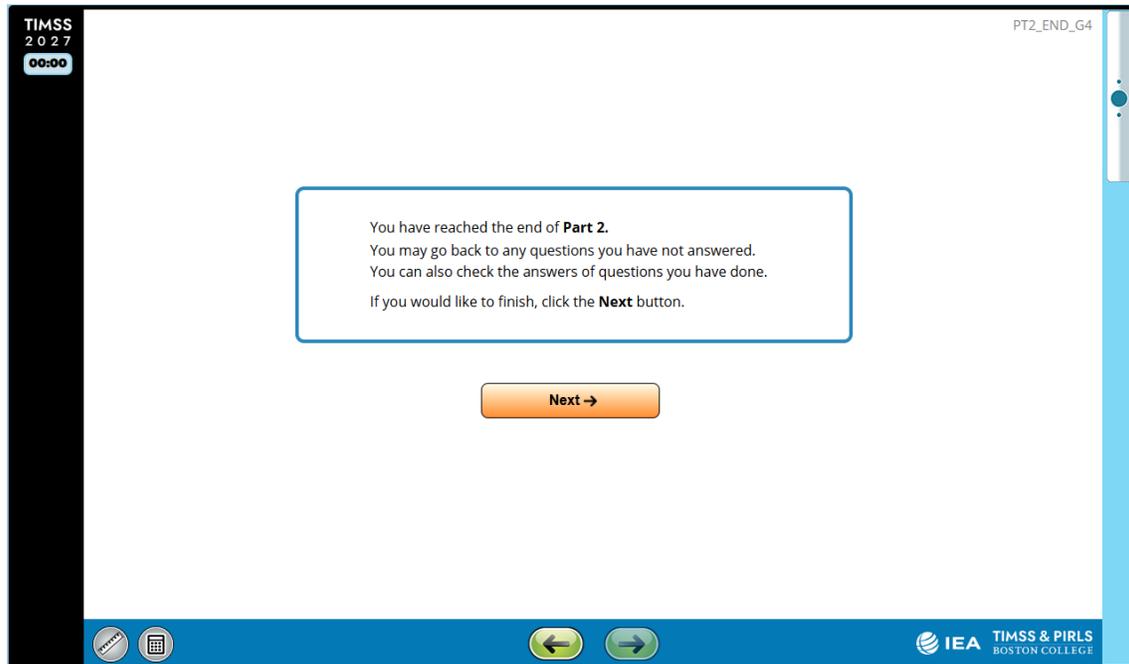
Now record the current time in the appropriate cells of the Session Report Form.

After about 30 minutes, 5 minutes before the end of the session, say:

- 📖 Your device might have or soon will remind you that you have 5 minutes left to work on Part 2 of the test.
- 📖 If you have reached the end of Part 2, you may go back to any questions you have not answered. You can also check the answers to questions you have done.
- 📖 If you have finished and exited Part 2, please wait for the others to finish.

After the last 5 minutes have passed, say:

- 📖 The 36 minutes to work on the second part of the test have passed. If you have not exited Part 2 yet, the system will exit Part 2 automatically once the time is up on your device. Please stay seated. We will continue with a short Student Questionnaire.



At this time, record the current time in the appropriate cell of the Session Report Form.

- 📖 We will now take a break of up to 30 minutes. Please be back on time to answer a short Student Questionnaire.

Do **NOT** give students the password to continue until after the break. Give the students a precise time to be back from the break.

Because the devices will be left with the *TIMSS Player* running, do not leave the room unattended during the break.

1.4 Student Questionnaire

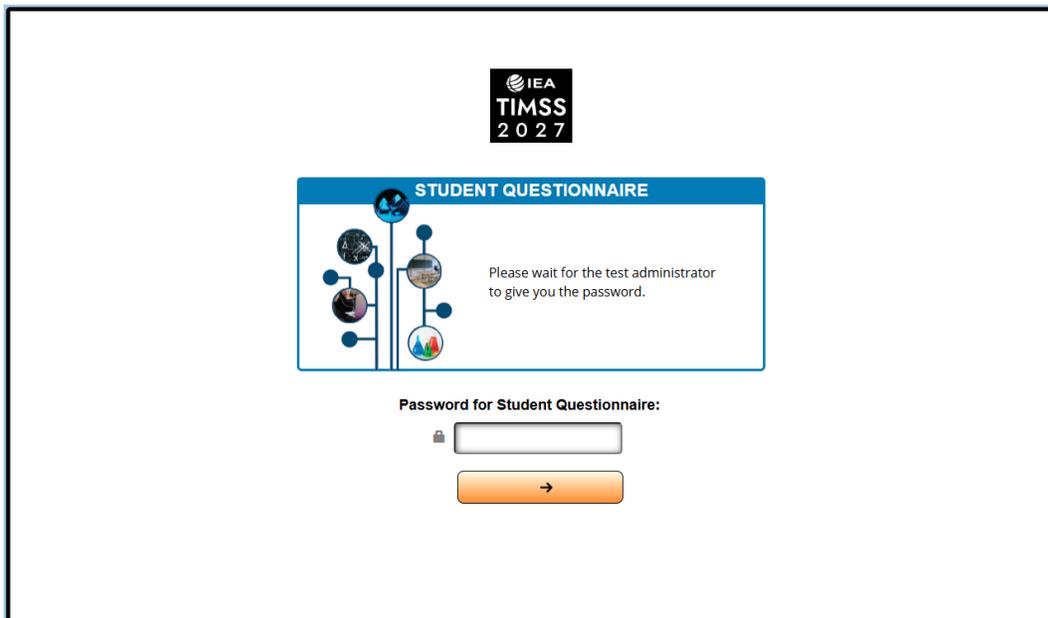
After the break, ask the students to be seated. Make sure each student is seated at the correct device.

If the browser has accidentally closed, please have students re-enter the URL (timss.ca/test) and log in. This will bring them to the Student Questionnaire login screen.

Record the student's participation status in the Questionnaire section of the Student Tracking Form. If you are administering a makeup session, then use the appropriate makeup session column. Record how long the break was in the appropriate cell of the Session Report Form. [If the questionnaire is administered on a different date, please specify the date in the last column.]

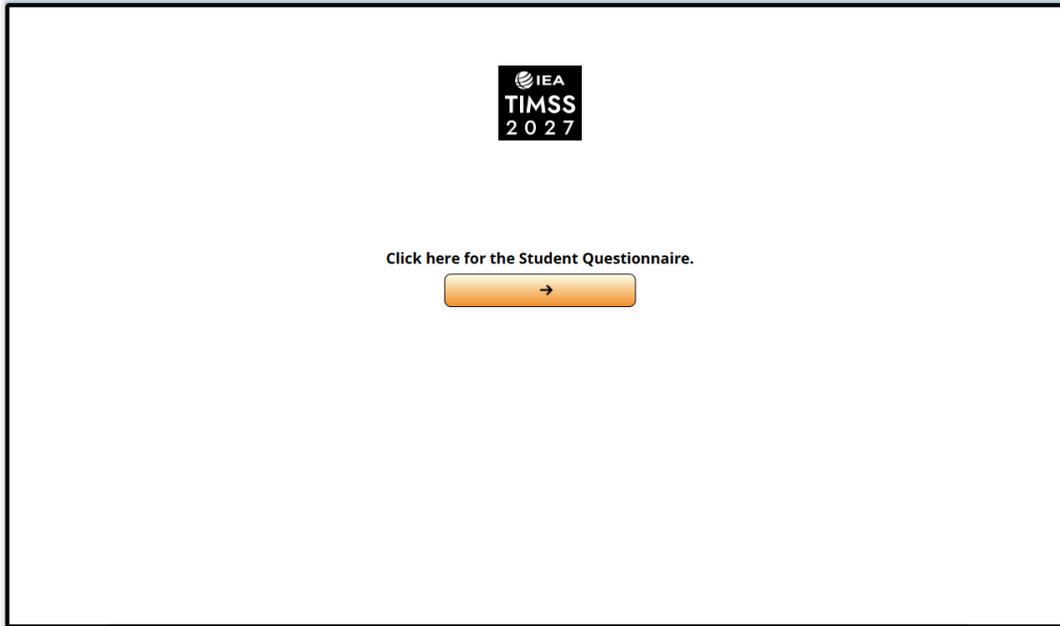
When ready, say:

-  Welcome back. Is everybody sitting at the same device as before? Now you will complete a short questionnaire.
-  Is everybody looking at the screen that says Student Questionnaire?



If yes, then continue. If not, help students get started.

-  The password to begin the Student Questionnaire is **1451**. Please type in the password and click on the arrow button.
-  On the next screen, click on the arrow button again to open the questionnaire.

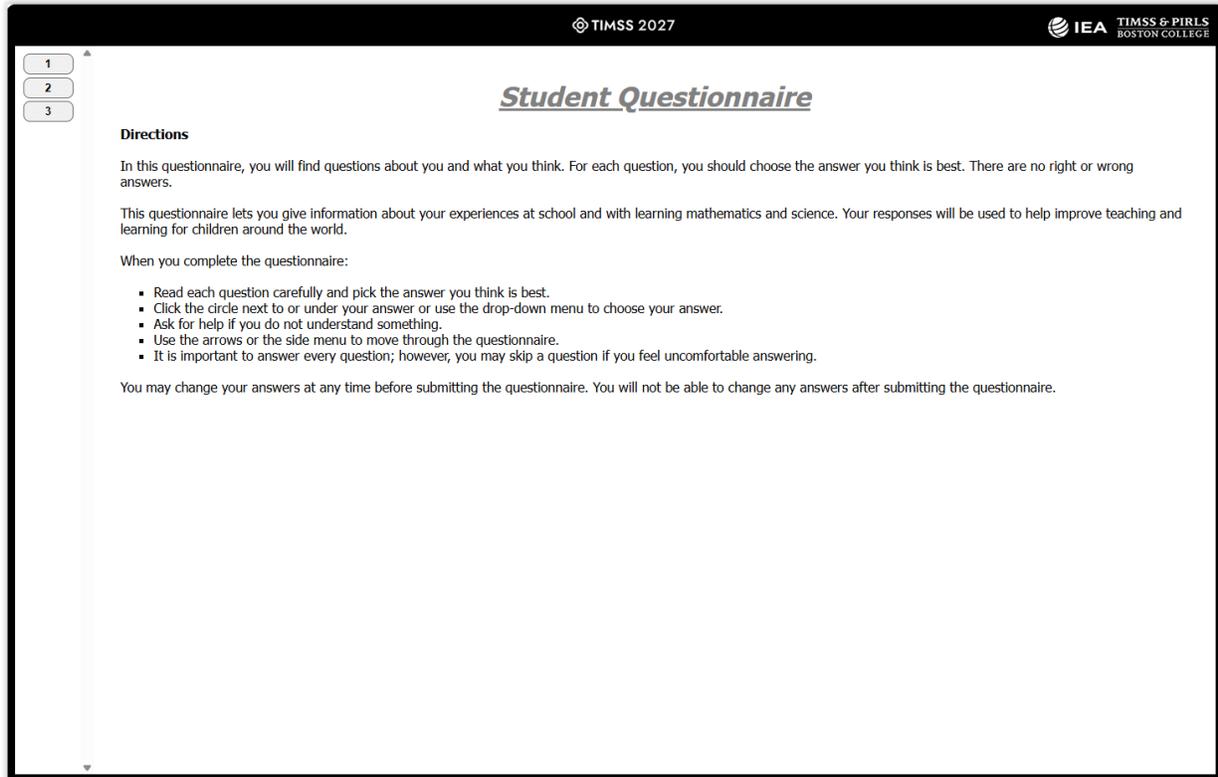


Clicking the arrow button will finish and lock the achievement test record for each student. This means that the Student ID and Password cannot be used to log into the achievement test again.

[For online method: A new tab in the browser will open now and will display the “Directions” screen of the Student Questionnaire. If needed, as a backup option, enter the Student Questionnaire URL (timss.ca/gu) into the address bar of the web browser. The Student Questionnaire login screen will be shown then. Enter the corresponding Student ID and Password from the Student Login Form into the login fields and click the “LOGIN” button.]

[For USB method: The *TIMSS Player* will close now, and the “Directions” screen of the Student Questionnaire should be displayed for students. If the system malfunctions and, instead of the *TIMSS Player* browser closing, the Login page is displayed, help students to close the *TIMSS Player* browser window or switch to the Student Questionnaire window by using the **Alt + Tab** key combination.]

 Is everybody looking at the screen that says Directions?



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1
2
3

Student Questionnaire

Directions

In this questionnaire, you will find questions about you and what you think. For each question, you should choose the answer you think is best. There are no right or wrong answers.

This questionnaire lets you give information about your experiences at school and with learning mathematics and science. Your responses will be used to help improve teaching and learning for children around the world.

When you complete the questionnaire:

- Read each question carefully and pick the answer you think is best.
- Click the circle next to or under your answer or use the drop-down menu to choose your answer.
- Ask for help if you do not understand something.
- Use the arrows or the side menu to move through the questionnaire.
- It is important to answer every question; however, you may skip a question if you feel uncomfortable answering.

You may change your answers at any time before submitting the questionnaire. You will not be able to change any answers after submitting the questionnaire.

If yes, then continue. If no, help students get started.

-  First, I will explain the directions for completing the questionnaire. Please follow along on your computer as I speak.
-  In this questionnaire, you will find questions about you and what you think. For each question, you should choose the answer you think is best. There are no right or wrong answers.
-  This questionnaire lets you give information about your experiences at school, and with learning mathematics and science. Your responses will be used to help improve teaching and learning for children around the world.
-  Here are some directions for completing the questionnaire.
-  Read each question carefully and pick the answer you think is best.
-  Click the circle next to or under your answer or use the drop-down menu to choose your answer.
-  Ask for help if you do not understand something.
-  Use the arrows or the side menu to move through the questionnaire.
-  It is important to answer every question; however, you may skip a question if you feel uncomfortable answering.

 You may change your answers at any time before submitting the questionnaire. You will not be able to change any answers after submitting the questionnaire.

 We have now completed going through the directions. Please do NOT continue until I tell you to. Are there any questions before we start?

If there are questions, try to answer them the best you can. If there are no more questions, then record the current time in the appropriate cell of the Session Report Form and proceed with the administration of the questionnaire.

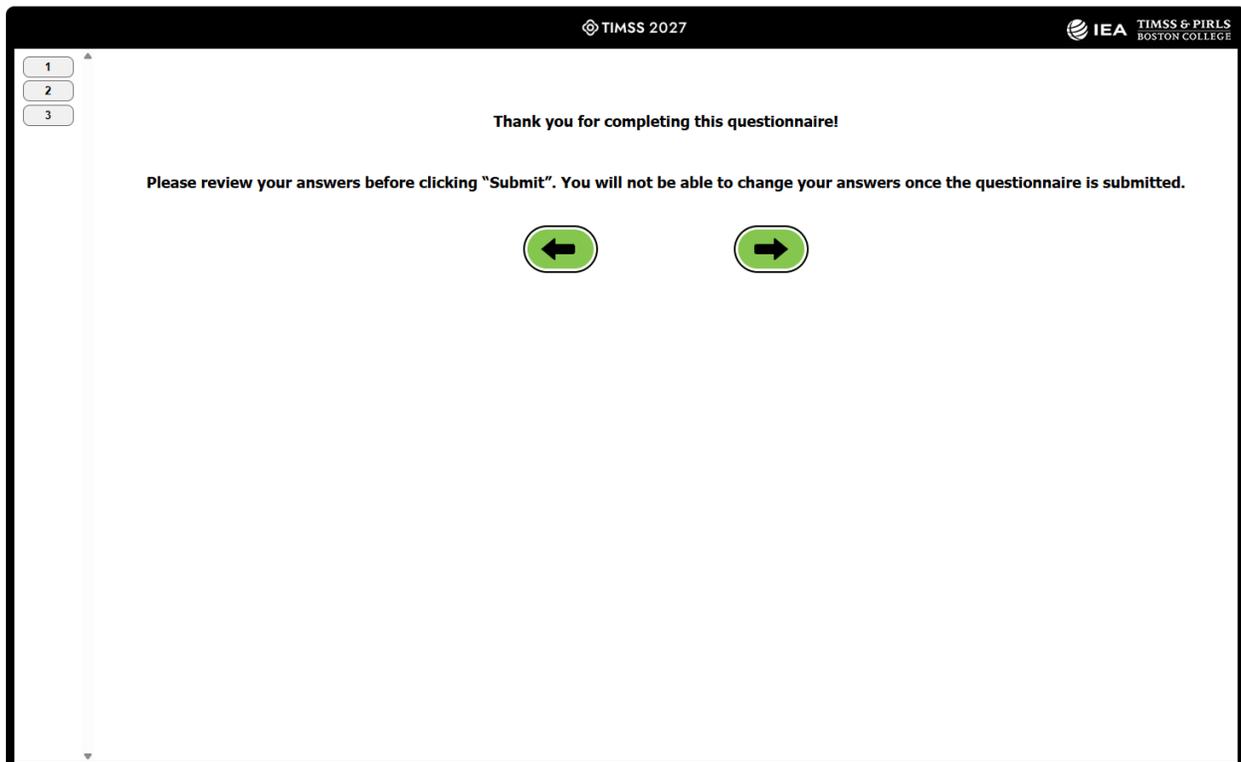
 Now, click the forward arrow button to begin the questionnaire. You will have 30 minutes to answer these questions.

After 30 minutes are up, say:

 Please stop working and raise your hand if you have finished answering the questions and reviewing your answers.

If all of the students raise their hands, say:

 Thank you! You now have completed your questionnaire. If you have not done it yet, click the “Submit” button to submit the questionnaire.



If not all of the students raise their hands, allow for additional time and say:

 You will have more time to continue answering this questionnaire. If you have already finished all the questions, you can use the arrow buttons or the progress bar to review your answers. Once you have finished, confirm that you are finished with the questionnaire by

clicking the “Submit” button. You will not be able to change your answers after the questionnaire is submitted. [Read quietly at your desk while others are still working.]

1.5 Dismissing Students

Once all students have finished, record the current time in the appropriate cell of the Session Report Form. Then say:

 Thank you very much for participating in TIMSS. Your work will help us to learn more about our students and schools.

[For online method]

 Please leave your computers as they are. Do not click on anything.

[For USB method]

 Please leave your computers as they are. Do not click on anything and do not remove your USB key.

You may now dismiss students.

1.6 Submitting Students' Responses and Closing the Assessment Platform

1.6.1 For Online Method

No manual data upload is necessary. TIMSS achievement test data are submitted automatically, and the system is properly exited when clicking the arrow button on the Student Questionnaire transition screen. Student Questionnaire data are submitted by clicking the "Submit" button.

Go around and make sure that all students have submitted the Student Questionnaire by clicking on the "Submit" button. If they did not, please click the "Submit" button. Once the questionnaire has been submitted, you can close the browser.

Review the students' participation status in the Student Tracking Form. If you are administering a makeup session, then use the appropriate column.

1.6.2 For USB Method

After the questionnaire has been submitted for all students, please make sure the applications for the *TIMSS Player* and the Student Questionnaire are properly closed:

- For the *TIMSS Player*, press the **Ctrl + Alt + Delete** key combination, select **Task Manager** and end the tasks run by Firefox.
- For the Student Questionnaire, first close the browser window. Then, on the USB drive, double-click on the **StopServer.bat** file to stop the program.

You may now remove the USB keys from the devices by locating and clicking on the **Safely Remove Hardware and Eject Media** icon on the system tray. From there, select the USB, and then remove the USB key from the device.

Review the student's participation status in the Student Tracking Form. If you are administering a makeup session, then use the appropriate column.



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