

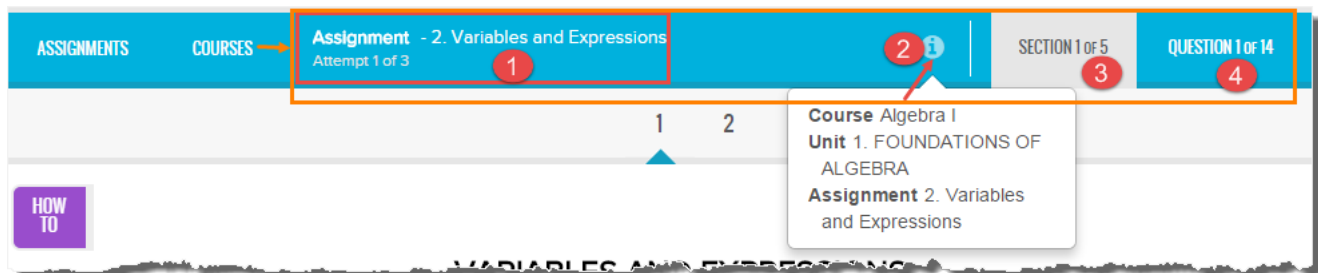
Work On Lessons

As mentioned in the previous section, you can see your current lessons on the **Assignments** page or drill into your assignments from the **Courses** page.


Open and work on lessons

- To open a lesson, on the **Assignments** page, click the **Go To**  arrow or click anywhere in the assignment bar.

Once opened, information about the assignment displays on the main nav bar, to the right of the **Courses** tab.



You see:

- The **Assignment title** as well as **Attempt count** (#1).
- An **Info**  symbol (#2) that displays details about the assignment when you hover the pointer over it.
- A **Section** number indicator/button (#3).
- A **Question** number indicator/button (#4).

The lesson content appears in the center section of the page as shown in the example below.

VARIABLES AND EXPRESSIONS

This lesson will acquaint you with some of the basics that will make your study of algebra successful.

OBJECTIVES

- Identify a variable expression and its components: variable, coefficient, constant.
- Translate expressions written as English phrases into algebraic expressions.
- Interpret an algebraic expression.

VOCABULARY

<input type="checkbox"/> algebraic expression	a mathematical expression containing one or more variables
<input type="checkbox"/> coefficient	the constant preceding the variables in a product
<input type="checkbox"/> constant	a numerical value
<input type="checkbox"/> expression	a mathematical phrase that cannot be determined true or false
<input type="checkbox"/> variable	a letter or symbol used to represent an unknown

Notebook

Everyone learns differently, but the computer aids almost any learning style. Nevertheless, we highly recommend you keep a notebook as you work through this course.

All high school math courses require you to use a formal, logical process of problem solving. Many students do not realize how important problem solving is in learning math. It takes time and repetition to grasp mathematical concepts. This is natural and to be expected. Keeping a notebook helps you organize your time and efforts and creates a tool for effective review.

What would you like to do next?

Callout Boxes:

- A:** Indicates sections in the lesson. Click a number to go to that section.
- B:** Click to hear pronunciation of word.
- C:** Click to play Vocab Arcade activities (games).
- D:** Print icon.
- E:** Refresh icon.
- F:** Lesson tools icon.
- G:** Microphone icon.
- H:** Click to see how to add notes.

Because you may have several attempts allowed for a lesson (see #1 for **number of available attempts** in the first graphic of this section), use these helpful steps to assist you in completing your work.

To work on a lesson:



Message your teachers to unblock assignments

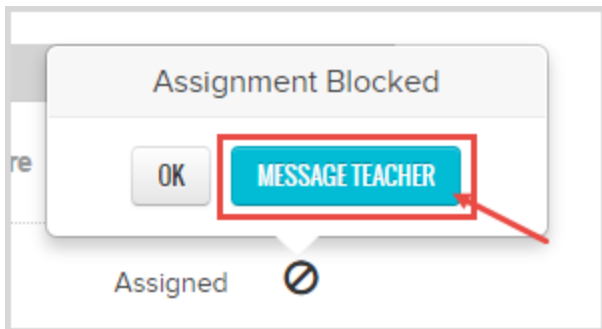
1. Read all sections of the lesson, view the videos, slide shows, and listen to the audio clips.
2. To move to the next section, click the **Read Next Section** button (example A) or the section numbers at the top of the page.
3. Read and listen to the pronunciation of any vocabulary words (example B). See ["Hear pronunciation of vocabulary words" on the next page.](#)
4. Use the **Vocab Arcade** (example C) activities to practice spelling the vocabulary and test your memory on the definitions. See ["Use vocabulary and spelling activities" on page 19.](#)
5. Use the lesson tools:
 - To print this assignment, with or without your notes and the teacher's notes, click the **Print** tool (example D). See ["Print assignments and notes" on page 21.](#)
 - To see more information about assignment text, highlight the text, and then click the **Reference** tool (example E). See ["View reference information about assignments" on page 22.](#)
 - To translate assignment text to another language and hear an audio version of the translated text, highlight the text you want to translate, then click the **Translate** tool (example F) and select a language. See ["View and hear translation of assignment text" on page 22.](#)
 - To hear an audio version of assignment text, highlight the text you want to hear, then click the **Speak as** tool (example G). See ["Hear assignment text" on page 24.](#)
6. Use the **Notes** feature (example H) to write a note to yourself or to the teacher about the lesson, or there might be a note from the teacher to read. See ["Write and read notes for assignments" on page 25.](#)
7. When ready to answer the lesson's questions, click the **Work on Questions** button (example I) and answer each question. See ["Answer Questions And View Results" on page 29.](#)
 - a. Click **Next Question** or the question number at the top to move to the next question.
 - b. If you need assistance with a question, click the **Ask For Help** button to send a message to your teacher. See ["Request help from your teachers" on page 27.](#)
 - c. Click the section button at top of screen to return to the lesson.
 - d. Click the **Turn It In** button when finished with all questions in all sections, or to leave the lesson without completing it, on the main nav bar, click **Assignments** or **Courses**.

Message your teachers to unblock assignments

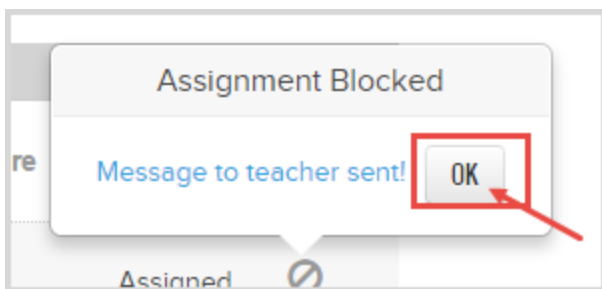
Your school may have set options to block students' progress in lessons, quizzes, or tests. Or, a teacher can set an assignment into a Blocked state for an individual student. When you are viewing your current assignments, you may see an **Assignment Blocked** symbol which indicates you cannot proceed until the teacher has unblocked the assignment.

Algebra I					
Due	Type	Title	Score	Status	
05/10/2016	Q	Quiz 1: The Language of Algebra	--	Assigned	

1. To message your teacher to unblock the assignment, click the **Assignment Blocked** symbol.
2. Click the **Message Teacher** button.



3. On the confirmation message, click **OK**.



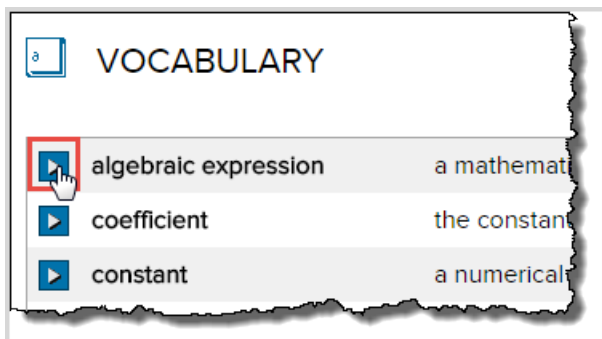
Your teacher receives an **Unblock Assignment** request and when the assignment is unblocked, you see the **Forward** arrow which indicates you are able to start the assignment.

Algebra I					
Due	Type	Title	Score	Status	
05/10/2016		Quiz 1: The Language of Algebra	--	Assigned	

Hear pronunciation of vocabulary words

You can hear the pronunciation of vocabulary words. The computer or device you are using needs to have audio capability, such as speakers.

- Click the **Play** tool located to the left of the vocabulary word.



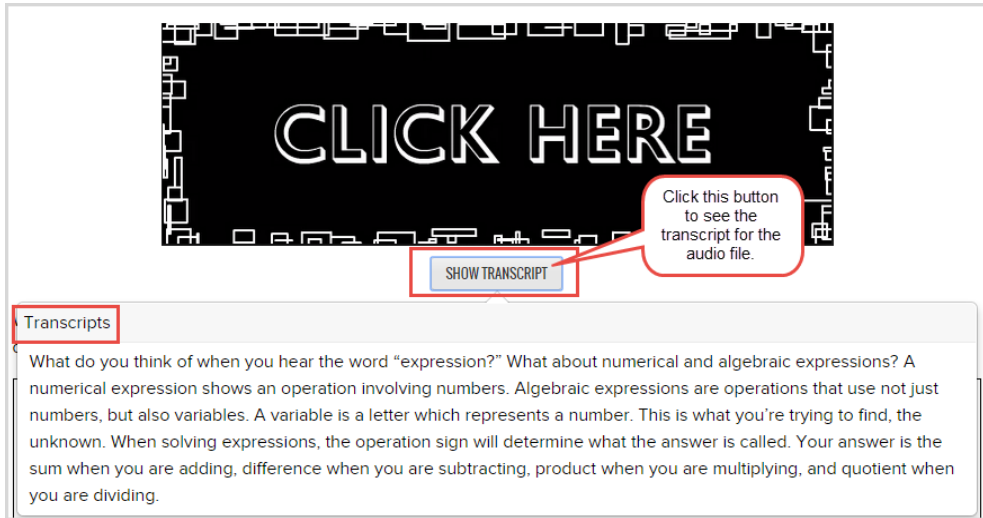
View transcripts of multimedia in lessons

For some lessons, you have the option to read the text being spoken in much of the multimedia in the lesson.




Use vocabulary and spelling activities

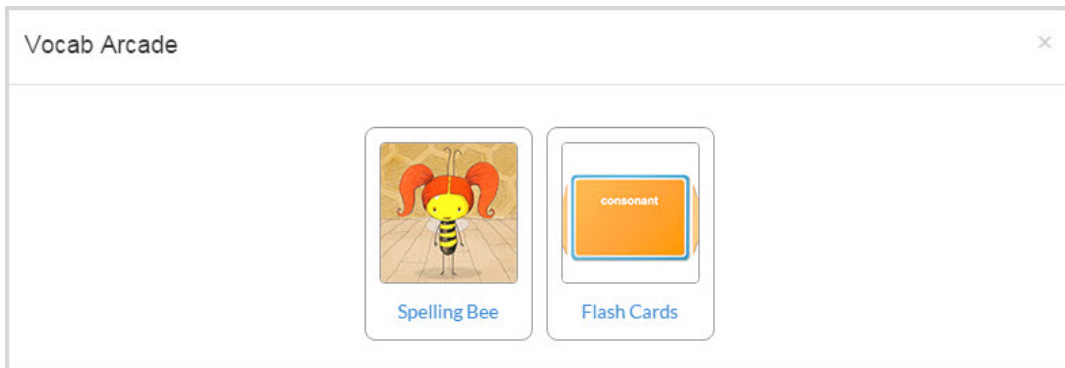
1. Click the **Show Transcript** button located below the audio or video file.
The Transcript window opens showing the text of the multimedia file.



2. To close the Transcript window, click the **Show Transcript** button again.

Use vocabulary and spelling activities

1. Click the **Vocab Arcade**  button located below the Vocabulary list to use the vocabulary and spelling activities, such as the **Spelling Bee** and **Flash Cards** games. For more information, see ["How to use the Vocab Arcade activities" below](#).
2. In the window that appears, select the activity.



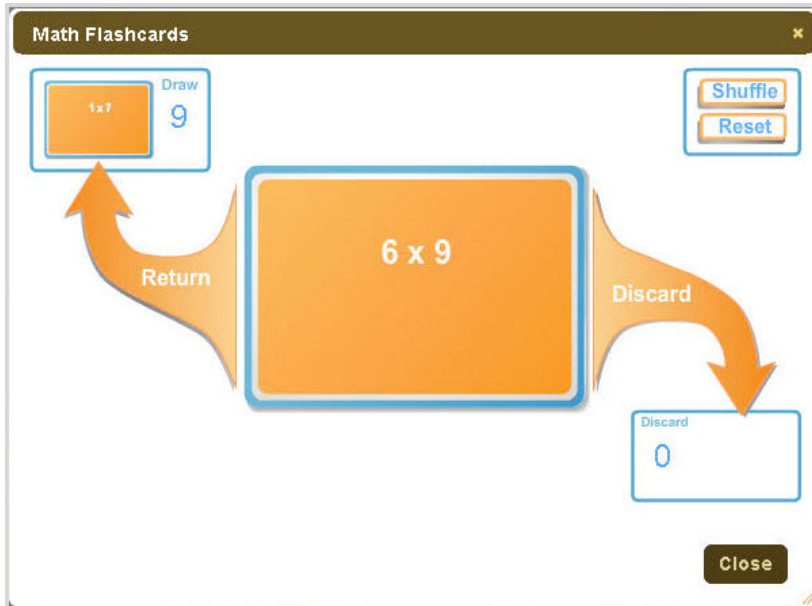
3. Click the **Close [X]** button when you are done and ready to return to your lesson.

How to use the Vocab Arcade activities

Use the Vocab Arcade activities to help you practice and learn.

Test your memory using the Flash Cards game

Use the Flash Cards game to test your memory. All flash card games work the same way no matter the type of lesson, such as a math lesson or spelling lesson.

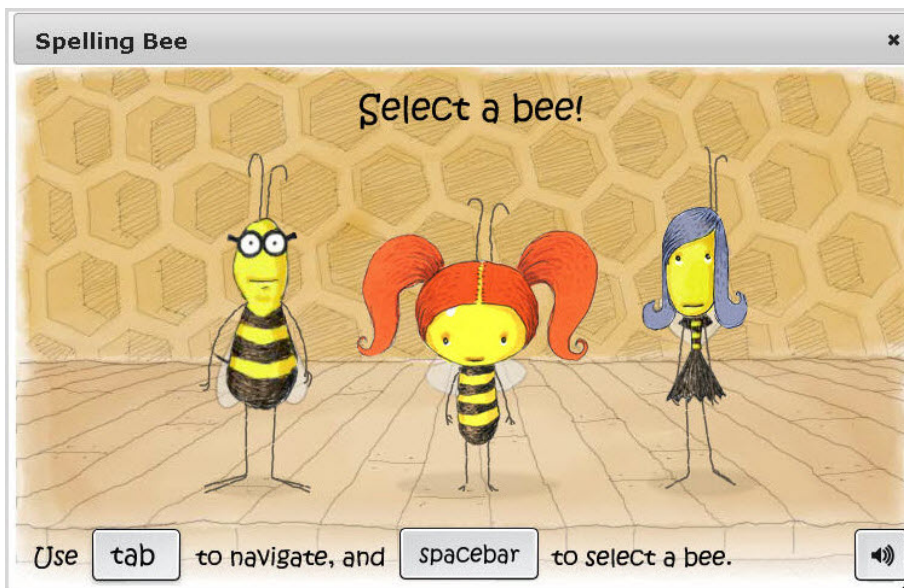


1. Click the **Draw** pile in the top left corner, then click the card when you are ready to check your answer.
2. Click **Discard**, if you are done with the card or **Return** to put it back in the Draw pile.
3. If the Flash Card game has a **Print** link, click the **Print Flash Cards** link to open a printable version of the Flash Cards in your browser. Then, click the Click Here to Print Flash Cards link to open the printer window for your browser. Print as you normally would from your printer.
4. Click the Close **X** when you are finished practicing.

Both of the Geography games and the Times Tables, along with the Vocab Arcade - Flash Cards inside your lessons work this way. For the World Capitals flash cards, you are asked to pick the area of the world.

Practice your vocabulary words using the Spelling Bee game

The Spelling Bee game is available in many lessons. You open it from the Vocab Arcade button.




To play the Spelling Bee:

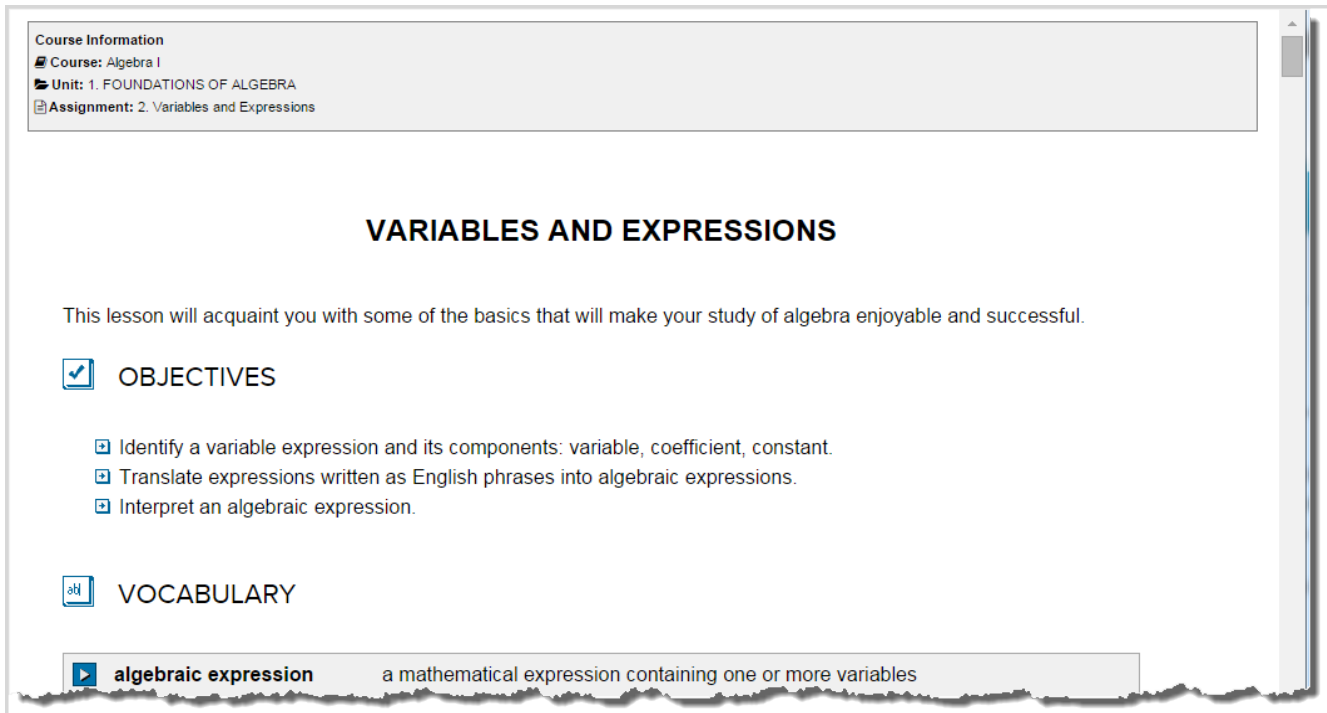
Print assignments and notes

1. Click **Vocab Arcade**, and then click the **Spelling Bee** icon.
Your lesson becomes inactive so that you cannot see the vocabulary words.
2. Click anywhere on the screen to begin, and then choose a bee.
3. Listen to the pronunciation, and then type the word.
4. Click **Enter** when you are done typing.
5. Once you have correctly spelled all of the words (or are done playing), click the Close **X** at the top of the window.
Your lesson becomes active again and you can see the vocabulary words.

Print assignments and notes

You can print assignment text and any notes written by you and the teacher for the assignment.


1. Click the **Print**  tool on the toolbar located to the right of the lesson content.
2. Select **Assignment - Print This Assignment**.
3. The assignment content opens in a separate browser window. Use the browser's **Print** option to print the assignment.




Course Information
 Course: Algebra I
 Unit: 1. FOUNDATIONS OF ALGEBRA
 Assignment: 2. Variables and Expressions


VARIABLES AND EXPRESSIONS

This lesson will acquaint you with some of the basics that will make your study of algebra enjoyable and successful.


 **OBJECTIVES**

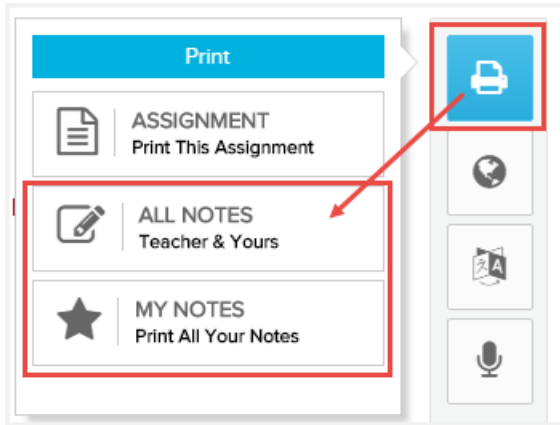
- Identify a variable expression and its components: variable, coefficient, constant.
- Translate expressions written as English phrases into algebraic expressions.
- Interpret an algebraic expression.

 **VOCABULARY**

 **algebraic expression** a mathematical expression containing one or more variables


You can print all notes, including your teacher's and just your notes.

1. Click the **Print**  tool on the toolbar located to the right of the lesson content.
2. Select to print **All Notes** or just your notes (**My Notes**).




View reference information about assignments


For some assignments, you may be able to see additional reference information.


1. Highlight the text, and then click the **Reference**  tool.
2. If reference information is available it appears in a separate, small window.
3. To close the Reference window, click the **Reference** tool again.

View and hear translation of assignment text

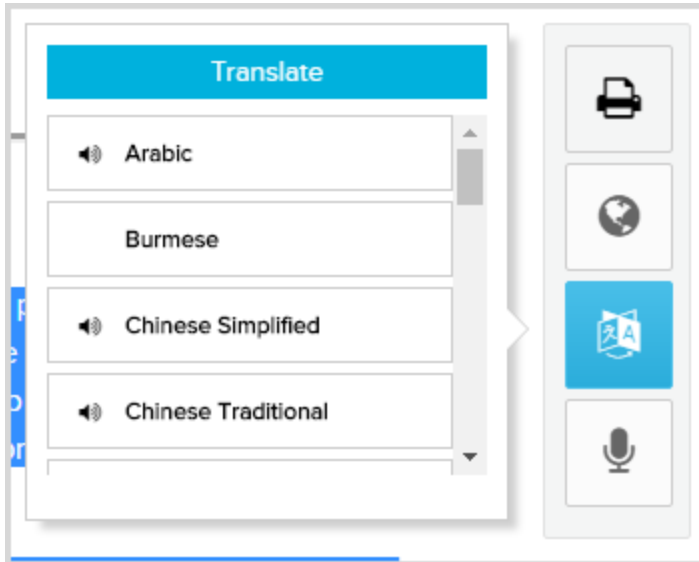
You can view and, for most languages, hear a translation of selected text for assignments. Over 20 languages are available for the text translation. In the language selection list, a speaker with sound waves  symbol next to a language indicates that you can also hear the translated text being spoken in the selected language. Your computer must be audio-capable with speakers or headphones so that you can hear the translated text being spoken. For example, you can select the text of the lesson and view and hear the translation in Spanish.

Notes

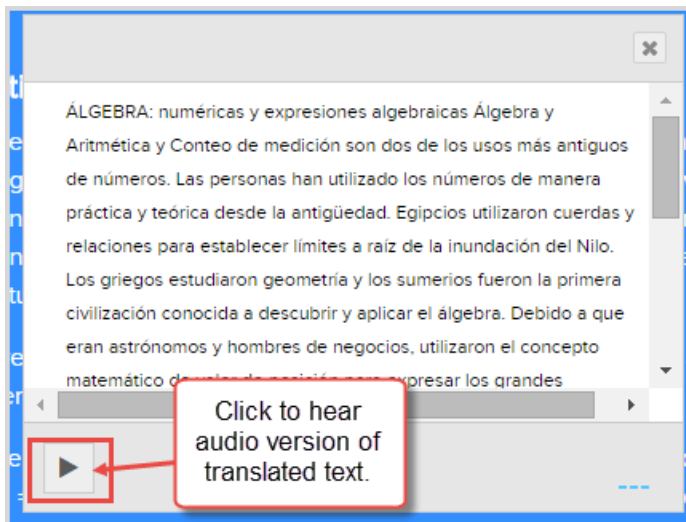
- Translated text is limited to 1000 characters at a time. If you highlight more than 1000 characters, a message appears stating that your request has been restricted to the first 1000 characters.
- For some languages to translate correctly, your computer's browser must have the fonts installed to support the translated text. For example, for Burmese, depending on your browser, you may need to download and install the Zawgyi-One Burmese Unicode font.
- The speaker with sound waves  symbol may appear a bit different depending on the installed fonts and browser.

1. Highlight the text, up to 1,000 characters, that you want to translate.
2. Click the **Translate**  tool to open the language list. Scroll the list to select a language.


View and hear translation of assignment text



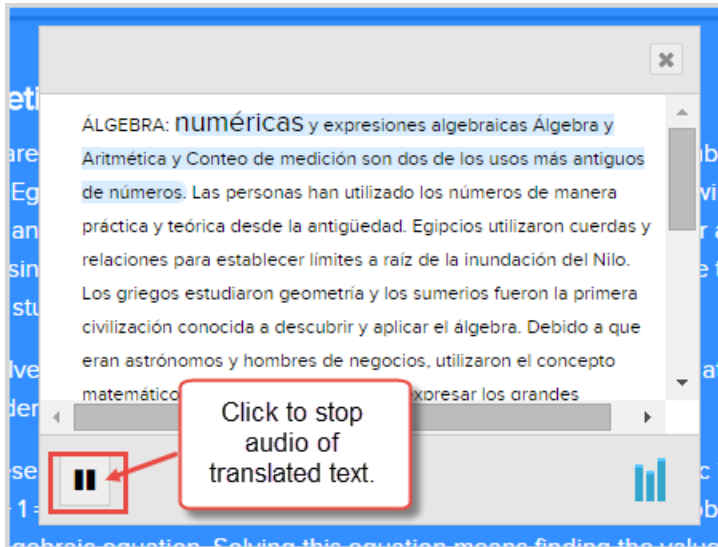
The translated text appears in a separate page.




3. If necessary, use the window scroll bars to see the text.
4. To listen to an audio version of the translated text being spoken, click the **Play** tool located at the bottom left of the translated text window.

Note For several languages, the audio translation feature does not apply. Those languages that have audio translation are identified with a speaker with sound waves  symbol.

This example shows the Spanish translation of the selected text as the audio plays. The words are highlighted and the current word being spoken is in bold text.

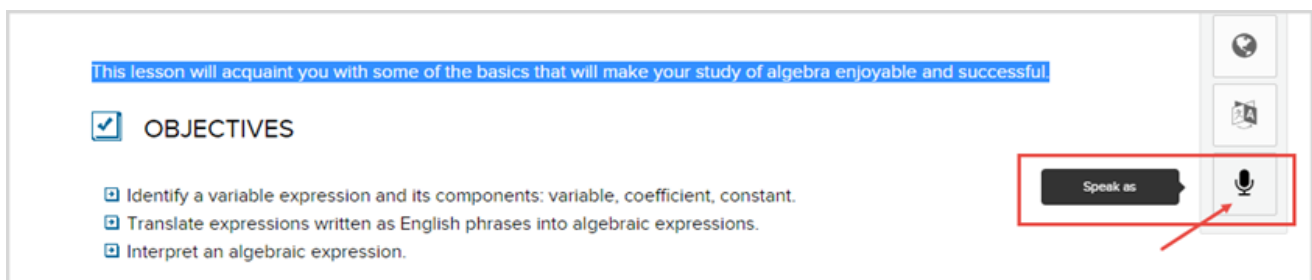


5. To stop the audio player, click the **Stop** tool.
6. You can continue selecting languages from the list and listening to the audio versions of the translated text.
7. To close the translation window, click the Close [X].
8. To exit the translation tool, click the **Translate**  tool again.

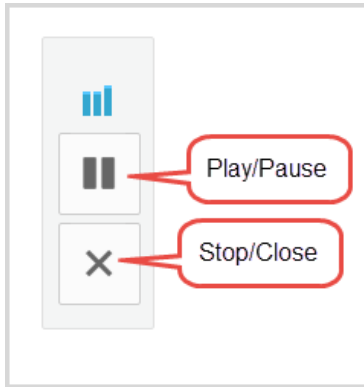
Hear assignment text

If desired, and your computer has audio features, such as speakers, you can highlight assignment text and select a voice to speak the selected assignment text.

1. Highlight the text you want to hear, and then click the **Speak as** tool.



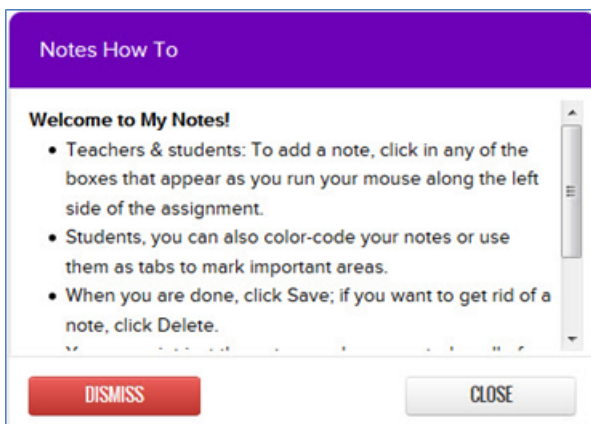
2. From the list of voices, select one.
3. Use the **Play/Pause** tool to play or pause the audio.
4. When finished, click the **Stop/Close** tool.



Write and read notes for assignments

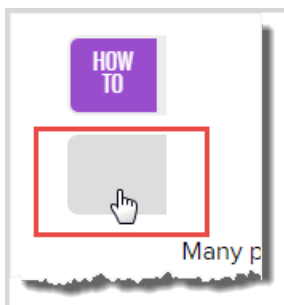
If you have permission, you can enter notes while you are working on lessons and projects. The Notes area is to the left of the lesson content. You can create multiple notes for each assignment. You are able to enter up to 1000 characters for each note. A good idea is to save a blank note as a tab to remind you of an important part of the lesson you need to study. Your teachers may leave notes for you to read for the assignment as well.

- Click the **How To** button to see an explanation of how to enter and save notes in your lesson.

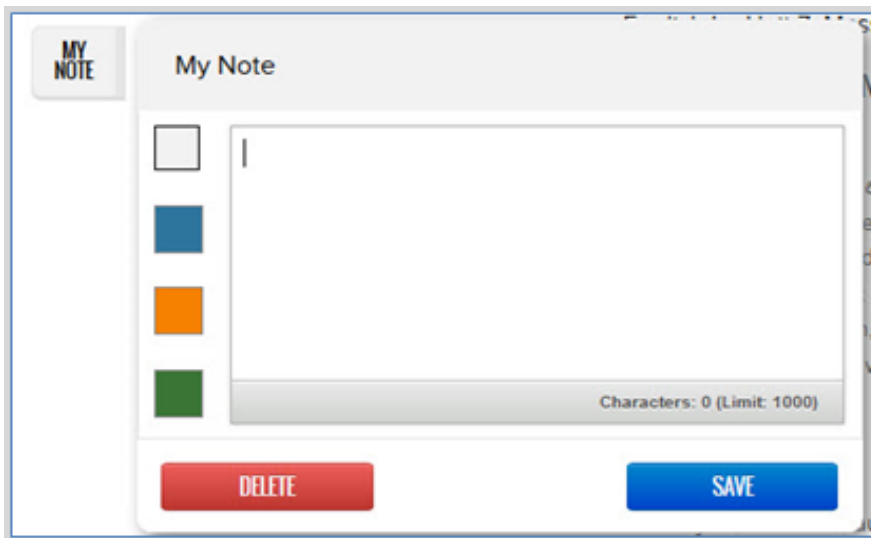


To add a note to an assignment:

1. Under the **How To** button, move your mouse down until you see a blank gray box as shown here.

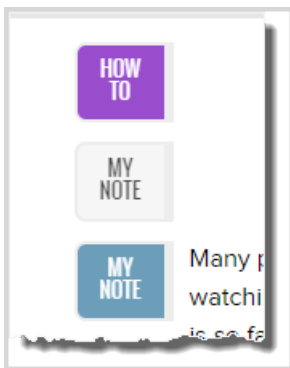


2. Click the gray box to enter your note.



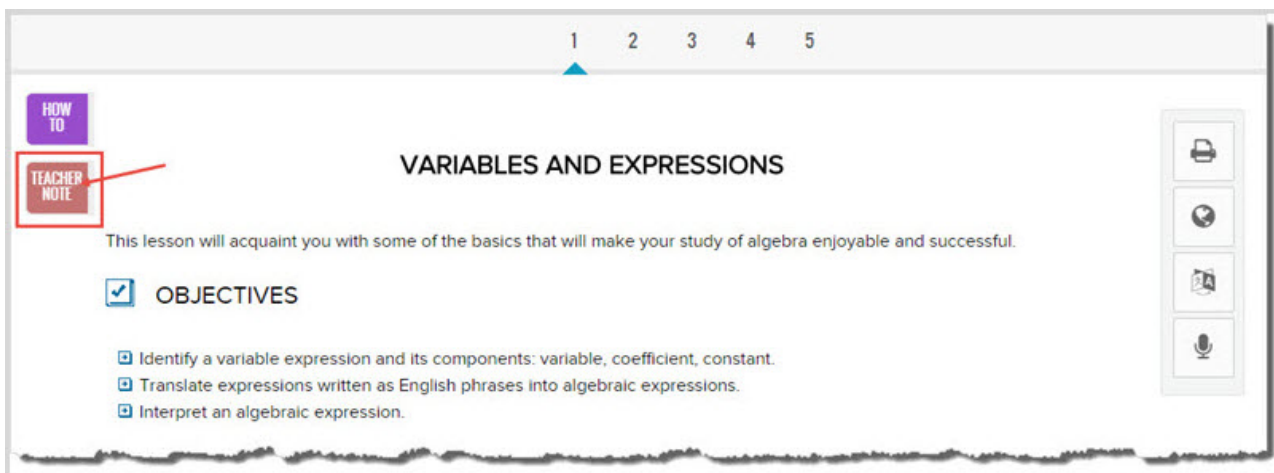
You can choose to color-code your notes.

3. Click **Save** to save your note. Each note you enter appears as a note button below the **How To** button as shown in this example.



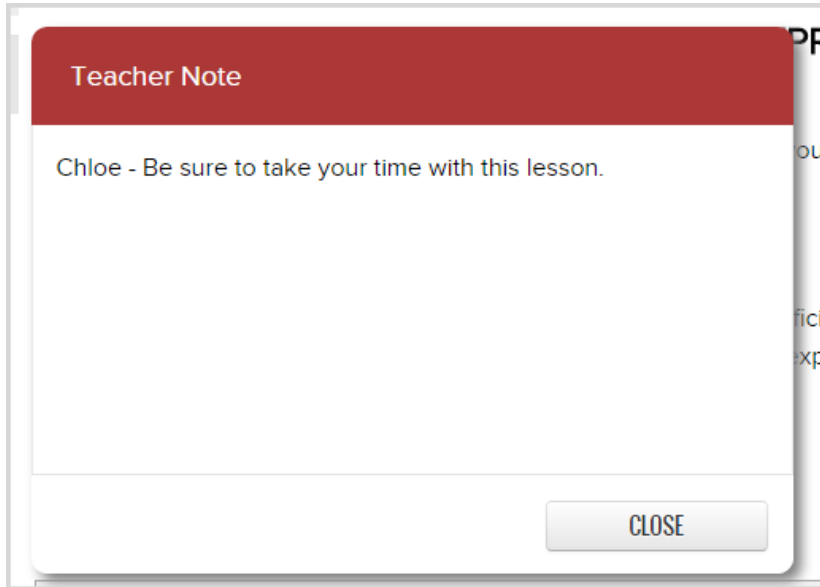
To read a teacher's note:

1. If you see a **Teacher Note** button below the **How To** button, click it to read the note from the teacher.



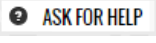
The note from your teacher appears in separate window.





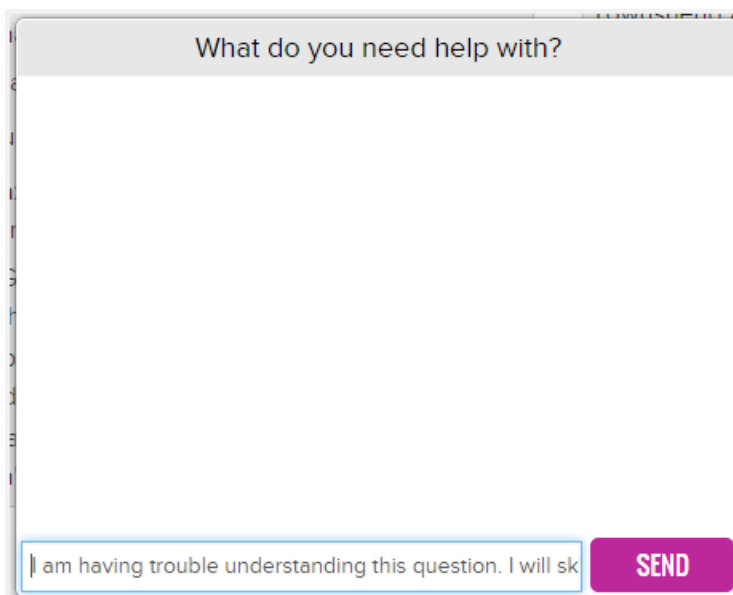
2. When finished, click the **Close** button to return to your assignment.

Request help from your teachers

While you are working on an assignment's questions, you can click the **Ask For Help**  tool to send a message to the teacher assigned to the course. The teacher receives the message and can respond to it.

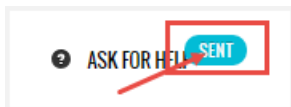
To send a help request message:

1. Click the **Ask For Help**  tool.
2. In the **What do you need help with** page, in the **Write message** text box, type your message. As you start typing, the **Send** button becomes active.



3. When finished with your message, click **Send**.

A **Sent** indicator next to the **Ask for Help** tool lets you know that the message has been sent to the assigned teacher as shown in this example.



4. To close the help requested page, click the **Ask For Help** tool again.

The sent message appears in the **Sent** box of your messages. See ["Communicate With Your Teachers Using Odysseyware Messaging" on page 53](#).

When the teacher responds, you are notified of a new message.

5. To view the message, click **Message**.
6. Click the message to read the teacher's response.