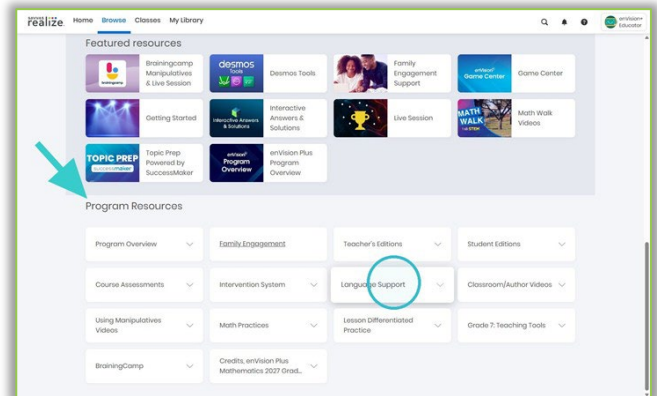
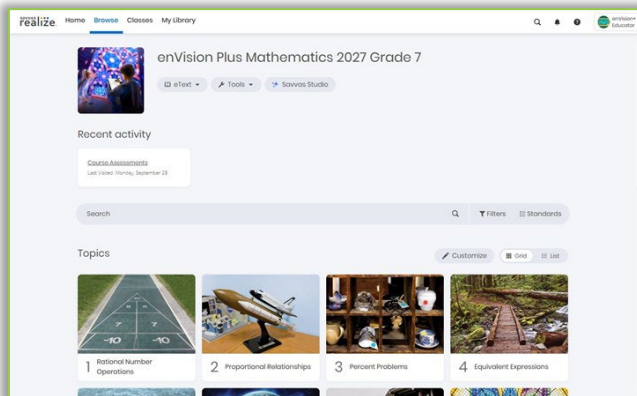


Accessing Academic Vocabulary Resources with enVision+ Mathematics

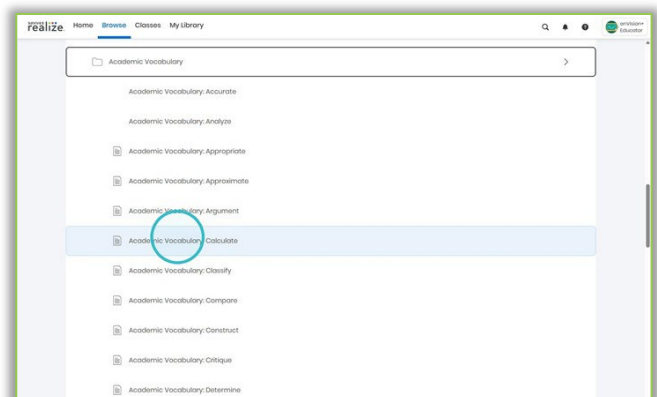
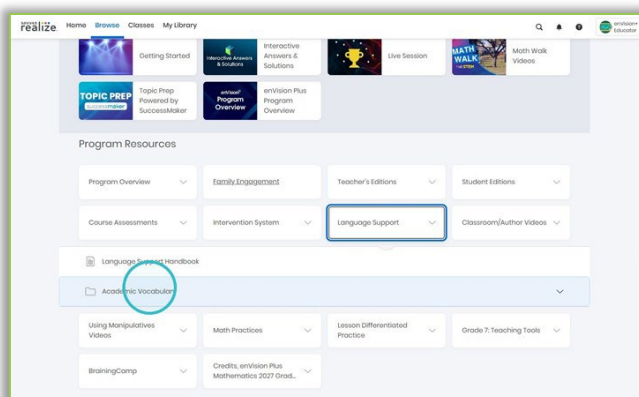
SAVVAS
realize.

Steps to Success:

1. Navigate to your **enVision+ Mathematics** program on Savvas Realize.
2. Scroll down to the heading *Program Resources* and click on the tile for **Language Support**.

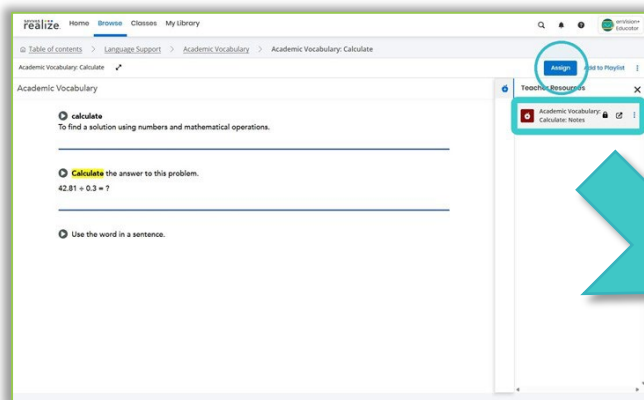


3. Select **Academic Vocabulary** from the Language Support list.
4. Here you have access to all the Academic Vocabulary activities. Click on any **Academic Vocabulary: Term**.



- Click **Assign** to send this activity to your students like you would any other student-facing resource. Notice you also have access to the **Academic Vocabulary Teacher Notes** here in the expandable Teacher Resources panel.

*Consider viewing the Academic Vocabulary Teacher Notes to further support students' vocabulary acquisition.



CALCULATE

Academic Vocabulary Teacher's Guide

Academic Vocabulary

calculate
To find a solution using numbers and mathematical operations.

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To find a solution using numbers and mathematical operations.

Use It in a Sentence Have students say and/or write their own sentences using *calculate*. If you wish, provide this sentence frame for students:

I would *calculate* _____ to find out (or figure out) _____.

Got It? To reinforce the word's meaning and pronunciation, ask: "What is the word that means to find a solution using numbers and mathematical operations?"

Continue to Build Word Power

Example or Not? Have students identify examples that relate to the word. Respond by asking "Why?" so students are challenged to explain their thinking.

Say: "If I say something you would calculate, say *calculate*. If not, don't say anything."

- a piece of notebook paper
- the price per pound of strawberries
- a bar graph in the newspaper
- the tax on a lunch order
- the surface area of a rectangular aquarium

Related Words Discuss these related words: *calculates, calculated, calculating, calculation, miscalculate*.

Tell students that when you calculate, you are finding or making a calculation. Use *calculation* in a sentence, such as "According to my calculation, I have enough money to buy both popcorn and candy." As appropriate, point out that adding the suffix *-ion* turns a verb into a noun and that the final *e* in *calculate* is dropped before adding *-ion*.

Synonyms Elicit words with the same or similar meanings from students or share them when discussing nuances of meaning.

- compute
- figure (out)
- solve (for)

Calculate "I calculate that $\frac{4}{5}$ of the letters in the word *calculate* are vowels."

Develop Word Meaning

See It Display the word.

Hear It Say the word aloud or click on the audio button for pronunciation.

Say It Invite students to say the word aloud with you.

Hear Its Definition Read the definition.

Hear It in a Sentence Provide examples of the word used in context:

- To know how much water to buy, calculate the capacity of the water cooler.
- The family will calculate 15% of the bill to leave as a tip.

Learn More About Its Meaning Explain that *calculate* is often used to describe an exact answer, but people also calculate when they estimate, depending on the solution they need. Ask students to give examples of times they might need to calculate answers outside of school.

Try It Ask students to follow along or read aloud with you as you read the task on the screen that includes the word. Have students complete the task individually, as a whole class, or with a partner. (Answer: 142.7) Ask: "When the directions tell you to calculate, what kinds of information do you look for in the problem?" (Sample answer: Numbers, operation symbols, words that show relationships between numbers or which operations will be used)

Here are examples of other tasks:

- Explain how to calculate $2.3 \times (3.6 + 1 \div 2) - 0.5$.
- Calculate the mean and interquartile range of a set of data.

Thank you for viewing these Steps to Success! We hope you found this helpful. Be sure to check out [MySavvasTraining](https://www.savvaslearning.com/my-savvas-training) for more tutorials and tips.

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