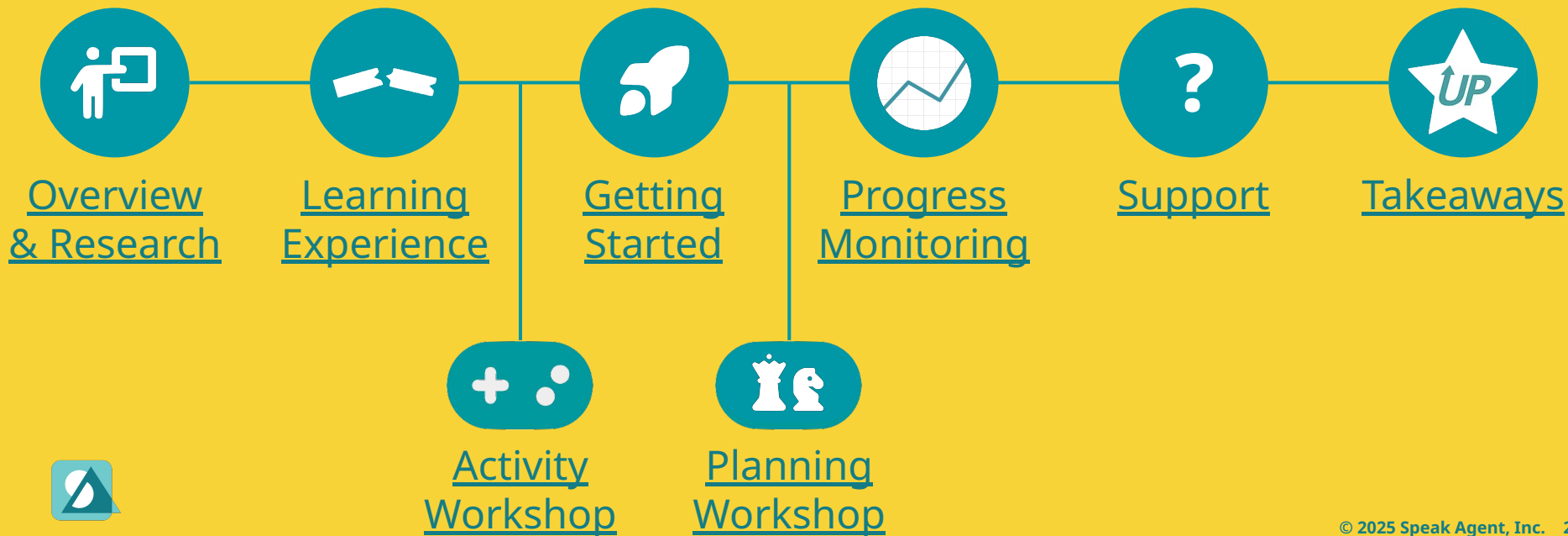


Getting Started with Speak Agent Math + Language

PGCPS PD Course 101 - Elementary



Today's Agenda



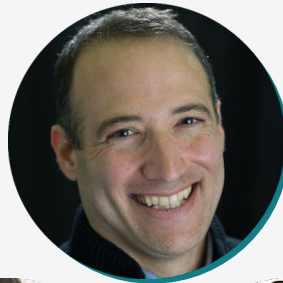


Overview and Research

PGCPS' Math Support Team

Speak Agent is a team of educators who believe that language is a key to success for all learners.

Our company is 100% owned and operated by educators, not by private equity or hedge funds.



Our 6-Year Story with PGCPS

- **Spring 2019** Middle School Math Pilot
- **Spring 2022** Middle School Science Pilot
- **Fall 2022** Middle School Math Effectiveness Study
 - PGCPS Math Benchmark
 - WIDA ACCESS 2.0
- **Spring 2024** High School Math Pilot
- **Fall 2024** Math 5 Pilot
- **Fall 2025** Math 4-5 Generally Available!



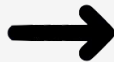
Why Speak Agent?

By learning the language of content, all students will unlock their full potential. We don't just believe this. We have evidence! For example:



The diagram consists of two rectangular boxes connected by a right-pointing arrow. The left box is light blue and contains the text '1 hour per week of Speak Agent'. The right box is yellow with a teal triangular wedge at the bottom right corner and contains the text '10.3% higher math scores'.

**1 hour per week of
Speak Agent**



**10.3% higher math
scores**



An Award-Winning Program



Tools Competition
2021 WINNER



newschools
venture fund

Ignite **ELL** Challenge
WINNER



Best Support for English Learners









Small Business
Innovation Research
AWARDEE



**Language is integral to the math
and science practices...**

Connecting Literacy to the Math Practices

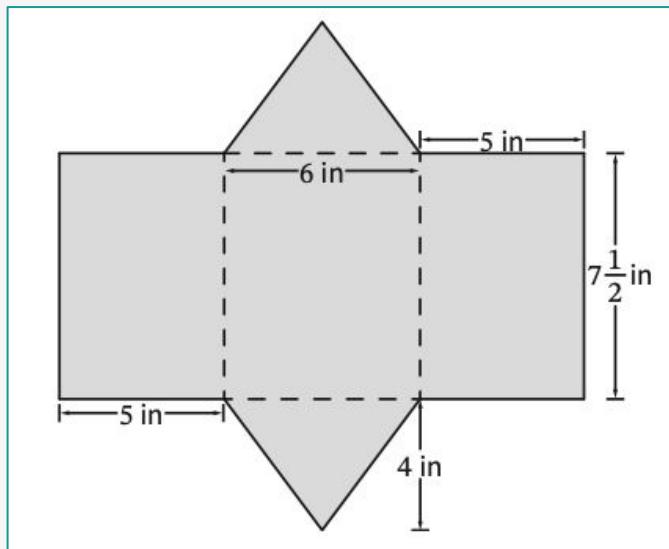
Math Practice						
MP1: Sense Making	✓		✓		✓	
MP2: Reasoning		✓		✓		✓
MP3: Arguments	✓	✓	✓	✓	✓	✓
MP4: Modeling		✓		✓	✓	✓
MP5: Tools	✓	✓		✓	✓	✓
MP6: Precision	✓	✓	✓	✓	✓	
MP7: Structure	✓	✓	✓	✓	✓	✓
MP8: Regularity			✓	✓	✓	✓



How Will You Answer This Test Question?



Math 8 test item



Jacob [redacted] that it is [redacted] to [redacted] the [redacted] of the [redacted] with the information provided about the [redacted].

Is Jacob's claim [redacted]?

- If the claim is valid, [redacted] and list the information needed to find the surface area.
- If the claim is not valid, explain your reasoning.



How Does Speak Agent Help?

It significantly improves learning outcomes in the content areas by integrating language into your existing curriculum.

- Ready-to-use digital lessons.
- Mapped to your curriculum.
- Easy to collaborate with colleagues.
- AA-level accessibility.
- Single Sign-On with **Clever**.
- Daily roster sync with **Synergy**.
- Automatically collects reporting data.
- No AI. You are in control.



The Content + Language Framework

Acquire the Vocabulary	Build Comprehension	Communicate Reasoning
Goal: Make the academic concepts accessible to all learners.	Goal: Deepen a student's understanding of the key academic concepts; make real-world connections.	Goal: Encourage students to demonstrate mastery and critical thinking.
Process: Engage students in listening, speaking, and morphology practice using visual aids.	Process: Engage students in reading and interacting with simplified but age-appropriate texts.	Process: Ramp up the complexity of texts and add opportunities for open-ended expression.



K-8 Courses Available Now

Elementary



Middle



Evidence

Let's look at the data behind this language-based approach.

- Math evidence
- ELD evidence
- Science evidence



Math Results

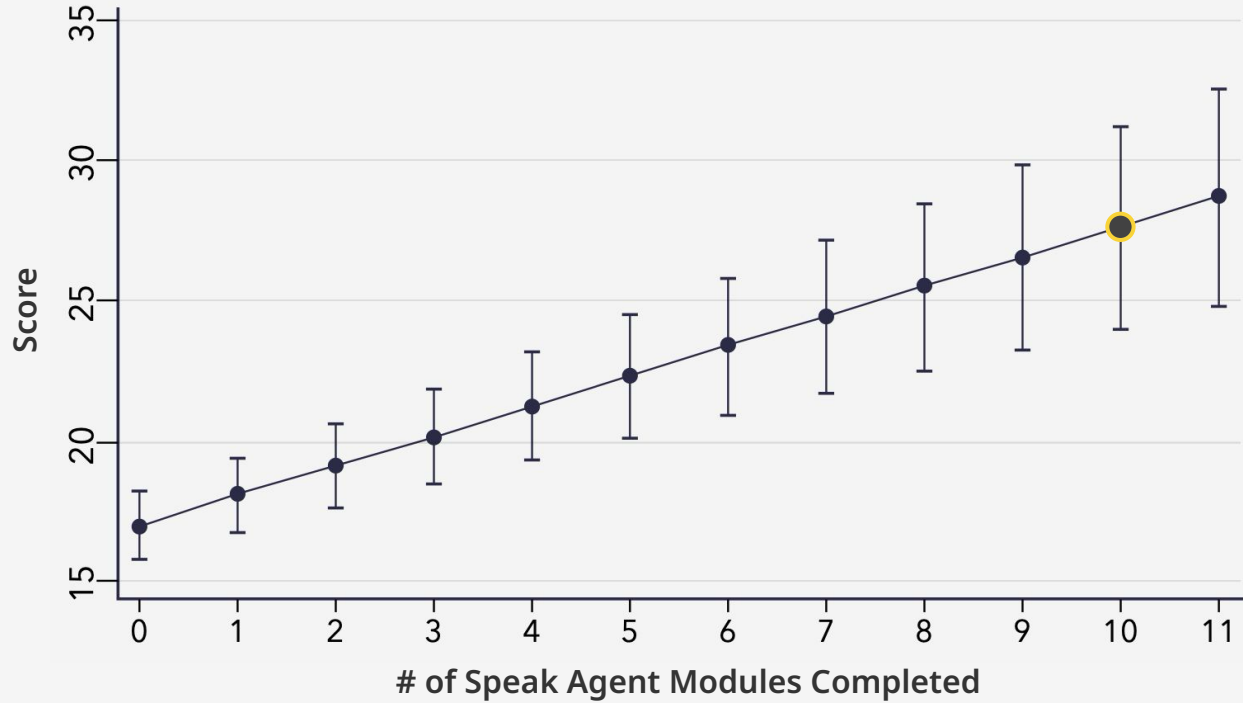
N = 46,929

99.9% confidence level

QED study with 24,180 students in grades 6-8 at Prince George's County.

Results apply to both multilingual and monolingual learners.

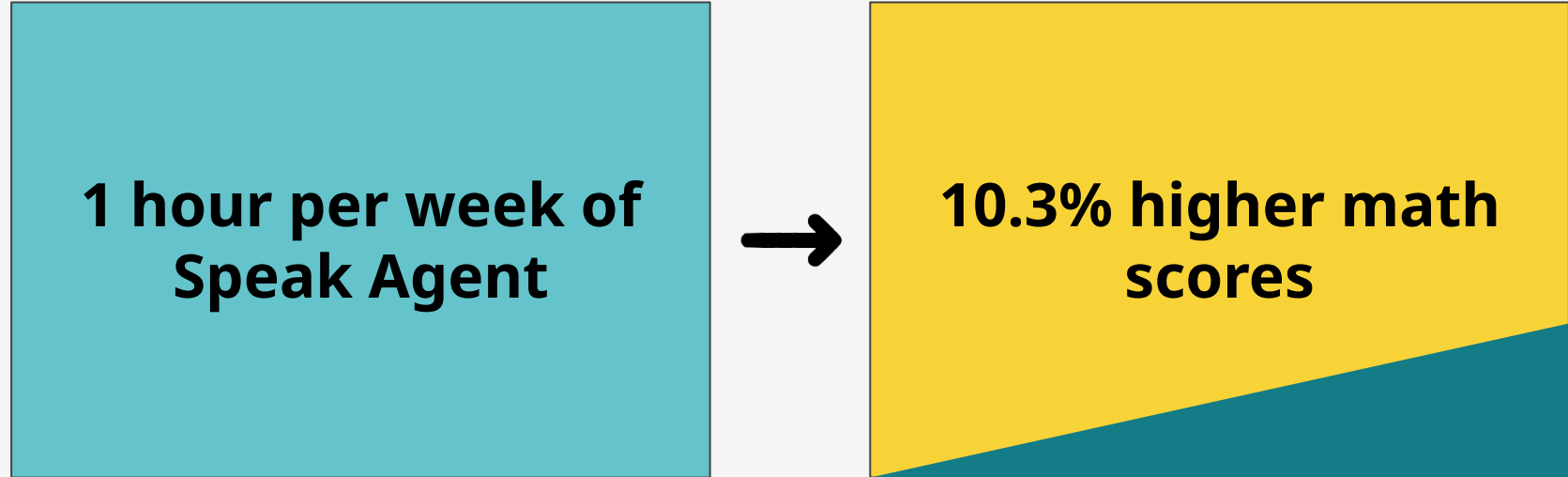
Predicted Mean PGCPs Math Benchmark Score



SOURCE: Huebert, E. (2022). Effect of Speak Agent on Math and English Language Proficiency Scores at Middle Grades in Prince George's County Public Schools. Leanlab Education. <https://www.speakagent.com/evidence>

Interpreting the Results

Completing 10 modules in an academic quarter, which takes no more than one hour per week, resulted in a 10.3% mean higher score.



SOURCE: Huebert, E. (2022). Effect of Speak Agent on Math and English Language Proficiency Scores at Middle Grades in Prince George's County Public Schools. Leanlab Education. <https://www.speakagent.com/evidence>

ELD Results

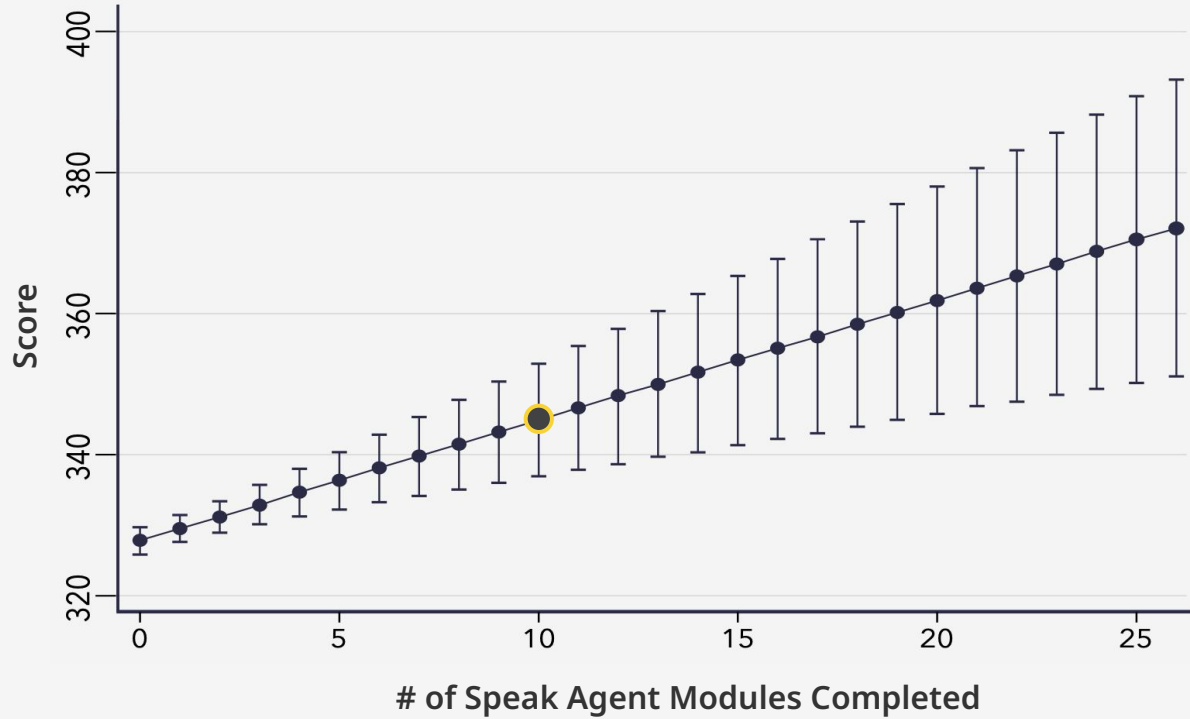
N = 5,361

99.9% confidence level

QED study with 5,361 MLLs
in grades 6-8 at Prince
George's County.

Results suggest a higher
dosage may have an even
greater impact.

Predicted Mean ACCESS 2.0 Scale Score



SOURCE: Huebert, E. (2022). Effect of Speak Agent on Math and English Language Proficiency Scores at Middle Grades in Prince George's County Public Schools. Leanlab Education. <https://www.speakagent.com/evidence>

ELD Results, by Domain

N = 5,361

99.9% confidence level

This table shows the mean effect size, by ACCESS domain, at a one hour per week dosage.

MLLs at all levels, including Level 1 learners (N = 1,014), experienced significant gains.

ACCESS Domain	Effect Size
Speaking	+22 points
Listening	+20 points
Writing	+18 points
Reading	+13 points
Comprehension	+15 points
Literacy	+16 points
Oral	+21 points



SOURCE: Huebert, E. (2022). Effect of Speak Agent on Math and English Language Proficiency Scores at Middle Grades in Prince George's County Public Schools. Leanlab Education. <https://www.speakagent.com/evidence>

80%

of students agreed or strongly agreed that they enjoy using Speak Agent
(N=2,497)

"It helps students build their own confidence and independence in both math and language."

72%

of students report that Speak Agent helps them learn "**more**" than any other classroom tool or resource (N=2,497)

Recap: Overview and Research



Let's review:

- ✓ Why use Speak Agent?
- ✓ What is Content + Language?
- ✓ What is the evidence behind it?





Learning Experience

**Ready to
explore?**



Walkthrough

We will take a look at both the teaching and student learning experiences.

- Teacher features
- Student experience
- Learning activities & strategies



What Can You Do in Speak Agent?

- View data and access student data on your Home page.
- View class reports and assignments.
- Find lessons that supplement your curriculum.
- Run activities from your computer—or assign them as independent practice.
- Print lesson materials, differentiate instruction, review student work, check answer keys, and more.
- Use the Academy self-serve PD to dive deeper into Speak Agent.



Home

Classes & Students

Lessons

Wordlists

Academy

Hi, Demo Teacher

(Not Demo Teacher? [Sign in to your account.](#))

School Year 2022 - 2023 Summary

1514

Activities Done

40

Lessons Done

1881

Words Learned

1221

Portfolio Items

Your Students

Search Students:

Enter Name of Student

1

2

»

Last Name	First Name	Class	# Activities Done	# Lessons Done
Akanbi	Emmanuel Ia	Science 6 Accelerated Math 1	68%	22%
Akintomo wo	Samuel	Science 6 Accelerated Math 1	52%	22%

Inbox

From	status	Action
Dozier, Jayana	In Progress	↔
Doumbouya, Oumou	In Progress	↔
Amuchie, Munachimso	Awaiting Approval	↔
Ikwubuo, Vienna	Awaiting Approval	↔
Alemkia, Gabriella-Jolie	In Progress	↔
Anderson, London	Awaiting Approval	↔

See Messages

Home includes a data dashboard, a searchable roster, and an Inbox for student writing submissions.

© 2025 Speak Agent, Inc. | 28

Classes and Students

+ Add Class

+ Add Students

These buttons are **hidden** because you are set up to sync with Synergy.

Classes

Students

Search Classes:

Search by class name or section



Class Section ↕	# of Students ↕	Action
Elementary Class 101	1	
Secondary Class 101	1	

Classes & Students pulls all the class sections from **Synergy**.
Rostering happens automatically and syncs every day.

Lessons

+ Create New Lesson

71

Organization Lessons
(47)

Lessons You Made
(0)

Sample Lessons
(17)

Reset

Math 6

🔍

Middle School Math

✕

▼

Grade(s)

▼

☐ Include lessons made by other teachers.

1

2

»

🔖	📄	Title	Classes Assigned To	Subject	Grade	Tags	Actions
🔖	5	Math 6 1.1A Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.6 6.NS.7 6.NS.8	🔗 👁 📄
🔖	5	Math 6 1.1B Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.7 6.NS.8 6.NS.6	🔗 👁 📄
🔖	3	Math 6 1.2A Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	🔗 👁 📄
🔖	3	Math 6 1.2B Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	🔗 👁 📄
🔖	8	Math 6 & Accelerated 1 Mini-Lesson	-	Middle School Math	6	6.NS.5 6.NS.C.5 Accelerated1 Math6	🔗 👁 📄

Lessons is an open, searchable library. All content has been mapped to fit your curriculum for the current school year.

Curriculum Integration Saves Time & Effort

Your Unit	Your Content
Reasoning with Ratios & Rates	Standards: 6.RP.1, 6.RP.2 Concepts: Introducing ratios; representing ratios with diagrams; ratios and rates; representing equivalent ratios; constant speed.
Applying Ratios & Rates	Standards: 6.RP.3, 6.EE.9 Concepts: Representing ratios with tables; solving ratio and rate problems; unit conversion; percentages.
2D Shapes & Area	Standards: 6.G.1 Concepts: Reasoning, decomposing and rearranging to find area; surface area.
3D Shapes & Volume	Standards: 6.G.2 Concepts: Volume; fractional lengths in prisms.

Organization Lessons
Total (6)

Lessons You Made
Total (6)

Sample Lessons
Total (24)

Search Lessons:

Narrow By:

Reset

Math 6

Language(s)

Math x

♥ ☒

Title

Subject

♥ 6

[Math 6 Unit 03B: Applying Ratios & Rates](#)

Math | Financial Literacy

♥ 8

[Math 6 Unit 03: Reasoning with Ratios & Rates](#)

Math

♥ 7

[Math 6 Unit 04A: 2D Shapes & Area](#)

Math

♥ 5

[Math 6 Unit 04B: 3D Shapes & Volume](#)

Math



Wordlists





- **Wordlists** can be used to build your own vocabulary sets for lessons that you create.
- This is an advanced feature that we cover in PD 201: Differentiated Instruction.




SPEAK AGENT ACADEMY

Course Catalog


Welcome, Agent Demo! Click a course to get started. It's Ok to try them in any order you like.

PD Course	Your Progress
 PD 101: Academic Language Learning	0 of 15 <div>0%</div>
 PD 204: Student Progress Monitoring	0 of 14 <div>0%</div>
 PD 301: Math Problem Writing	0 of 7 <div>0%</div>
 PD 201: Differentiating Instruction	0 of 11 <div>0%</div>

COMMUNICATION MODES: ON




MISSION BOARD




The **Academy** offers self-serve PD courses that you can use to dive deeper into Speak Agent.


Welcome back! ¡Bienvenido!

You're working on this:


 Elementary Math


$x+y=z$  Math 5 | Add and Subtract Decimals and Fractions | Part B

Activities done: 0/9


Continue 

New things to do:

 Elementary Math

$x+y=z$  Math 5 | Add and Subtract Decimals and Fractions | Part A

Activities done: 0/7



Agent stats:

Words in Progress:	124
Words Learned:	37
Activities Completed:	0
Lessons Completed:	0
Badges Earned:	7
Agent Level:	4



When students sign in, they see the most recently assigned lesson prominently on their **Home** page.



Math 5 | Add and Subtract Decimals and Fractions | Part A

Complete the activities to finish this lesson.








Diagram It: Review
Fraction Addition


 How is it going?
Ready to start







Scrambled Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







Bonus Activity!
Word Gallery
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







Bonus Activity!
My Voice: Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







Bonus Activity!
Picture Pairs
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







Bonus Activity!
Matching
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.





Bonus Activity!
Diagram It: Label
Fraction Addition

 How is it going?
Working on it.



Students arrive at a lesson from Home, To Do, or from a direct link you share. They click a tile to launch an activity.



Math 4 | 2.2A | Whole Number Multiplication

[← Things To Do](#)

Do all the activities to finish the assignment.



Word Gallery

Unit 03: Whole Number Multiplication

2

Picture Pairs

Unit 03: Whole Number Multiplication

Read Along

Javier's School Library

Matching

Unit 03: Whole Number Multiplication

Optional

My Voice: Words

Unit 03: Whole Number Multiplication

Optional

Scrambled Sentences

Properties of Multiplication

Fourth-graders get a slightly different look and feel to their interface.
(In fifth grade they "graduate" to the older look.)



Math 6 | 1.1A | Negative Numbers & Absolute Value

★ Due in 5 days

Complete the activities to finish this lesson.



Word Gallery

Rational Number Review



How is it going?

Ready to start



Picture Pairs

Rational Number Review



How is it going?

Ready to start



Scrambled Words

Rational Number Review



How is it going?

Ready to start



Matching

Rational Number Review



How is it going?

Ready to start



Diagram It!: Label

Fraction Frenzy



How is it going?

Ready to start



★ Bonus Activity!

My Voice: Words

Rational Number Review



How is it going?

Ready to start




This lesson has a "bonus activity." This was marked as "optional" by the teacher when assigning the lesson.



Math 6 | 1.1A | Negative Numbers & Absolute Value


Complete the activities to finish this lesson.

★ Due in 5 days

**Word Gallery**
Rational Number Review


How is it going?
Done!

→

**Picture Pairs**
Rational Number Review


How is it going?
Latest score: 9 out of 12

→

**Scrambled Words**
Rational Number Review


How is it going?
Working on it.

→

**Matching**
Rational Number Review


How is it going?
Ready to start

→

**Diagram It!: Label**
Fraction Frenzy

How is it going?
Ready to start

→

**★ Bonus Activity!**
My Voice: Words
Rational Number Review

How is it going?
Ready to start

→

As a student makes progress with activities, they see that reflected on the lesson page.



Math 6 | 1.1A | Negative Numbers & Absolute Value

Complete the activities to finish this lesson.

★ Due in 5 days



Word Gallery

Rational Number Review



How is it going?
Done!



Picture Pairs

Rational Number Review



How is it going?
Latest score: 9 out of 12



Scrambled Words

Rational Number Review



How is it going?
Working on it.



Matching

Rational Number Review



How is it going?
Ready to start!



Diagram It!: Label

Fraction Frenzy



How is it going?
Ready to start



★ Bonus Activity!

My Voice: Words

Rational Number Review















How is it going?
Ready to start



If the assignment has a due date, they see that reflected here. Overdue lessons can still be completed.

Settings

-  Voice:
- Salli (Female)
- 
- 
-  Narration Speed:
- Medium
- 
- 
-  Font:
- Noto Sans (default)
- 
-  Reduce Motion:
- ☒
- 
-  Sound:
- ☐
- 

 Restore to Default

Students may use **Settings** to set their personal preferences.

Here are the things you've made in Speak Agent:

[Explain Your Work](#)[My Voice](#)[Puzzle Maker](#)[Puzzle Solver](#)[Read Along](#)[Word Spin](#)

SORT BY:

Newest



Lesson

Activity Title

Date Created



Science 8 Unit 04: Mystery Fossils

Science 8 Unit 04: Mystery Fossils

Feb 5, 2023

Go →



Algebra II Unit 01A: Quadratic Functions L1

Algebra II Unit 01A: Quadratic Functions

Dec 21, 2022

Go →



Science 6 Unit 03B: Levitating Forces

Nov 23, 2022

Go →



Science 6 Unit 03B: Levitating Forces

Discovering Electricity

Nov 17, 2022

Go →



Science 6 Unit 03A: Levitating Forces - Held

Journey to the Poles of the Earth

Nov 17, 2022

Go →



Algebra II Unit 01A: Quadratic Functions L3

Questions - Algebra II Unit 01A: Quadratic Functions L3

Nov 10, 2022

Go →

Students may access **My Work** to see a portfolio of their work throughout the school year. You have access to this, too!

You answered all these questions!

Question

What is Tomás playing?

Why is the ball in motion?

What happens when Tomás swings?

What does the ball hit?

What objects push on each other?

How many newtons is the push on the glove?

How many newtons is the push on the ball?

Your Written Response

Baseball 

No Written Answer

He missed 

the glove 

The ball and the glove 

30 

30 


Your Spoken Response

No Recorded Answer

 Listen

No Recorded Answer

No Recorded Answer

 Listen

No Recorded Answer

No Recorded Answer

My Work includes a record of their written answers, voice recordings, and visual representations.

Win these:

By Doing this:

Progress



First Mission



You finished your first Speak Agent lesson. Well done!



Triple Play



Excellent work! You completed your third lesson.



3 of 3



Lucky Eights



Complete 8 lessons.



6 of 8



Sweet Sixteen



Finish 16 lessons.



6 of 16



Codebreaker



You have to learn a new language to become the best Speak Agent. Great start!



2 of 2



Listenbot



Listen to 100 new words.



2 of 100



Voice Artist



Make 100 voice recordings.



31 of 100



Hot Streak





















You nailed the right answers in a row! You are showing mastery of the vocabulary.



Students may earn unique **Badges** to celebrate their progress with Speak Agent.

Speak Agent Activities

Acquire Vocabulary	Build Comprehension	Communicate Reasoning
 Matching	 Diagram It: Label/Type	 Diagram It: Free Write
 My Voice: Words	 My Voice: Phrases	 Drawing Board
 Picture Pairs	 Read Along	 Explain Your Work
 Scrambled Words	 Scrambled Sentences	 Math Problem Maker
 Word Gallery	 Sort It Out	 Math Problem Solver
	 Tall Tales	 My Voice: Questions
	 Vocab Lab	



+ **Knowledge Check**



Level Up

**All lessons start with a Word
Gallery...**

Math 4 | 2.2A | Whole Number Multiplication



Word Gallery

← Back To Lesson

? Activity Help

🔊 Sound: On

🔊 Narration: Fast

Select Language

1 2 3
4 5 6
7 8 9
10 11 ...

counting numbers



whole numbers



number line

✓ 4, 5, 6, 7
✗ 4, 5, 8, 9

consecutive



magnitude

$$x + y = z$$

equation

$$1 \times 3 = 3$$

multiplication



factor

$$x \cdot y = z$$

product

$3 \times 2 = 6$
 $3 \times 3 = 9$
 $3 \times 4 = 12$
 $3 \times 5 = 15$

multiple

22
 $\times 5$
100
10
110

partial product

3,984
ones
tens
hundreds
thousands

place value



area model



perfect square



rounding



estimate



estimation



approximately

$48 + 49 \rightarrow 50 + 50$
 $21 \div 2 \rightarrow 20 \div 2$
 $914 \div 19 \rightarrow 900 \div 20$

compatible numbers



strip diagram

Word Gallery is an interactive word wall. Students can choose a word to learn more.



Word Gallery

← Back To Lesson

? Activity Help

🔊 Sound: On

🔊 Narration: Fast

Select Language

< rounding

≡ All Words

estimation >

estimate




100?

102

I estimate there are about 100 candies in the jar. 

Part of speech: verb 

Definition: to guess based on information
you have about the amount or size of
something 

Students can listen to words, captions, or definitions narrated aloud.



< rounding

≡ All Words

estimation >



Word Gallery

← Back To Lesson

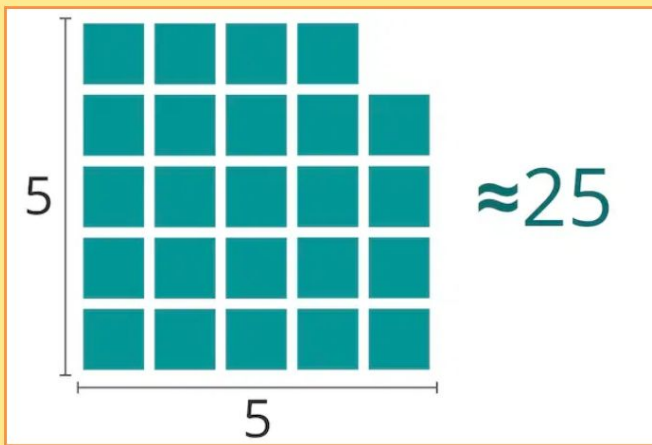
? Activity Help

🔊 Sound: On

🔊 Narration: Fast

Select Language

estimate 🔊



Part of speech

Definition: to guess based on information
you have about the amount or size of
something 🔊

There are often multiple visuals to show a variety of concrete examples.

Read Alongs engage students in the PGCPS curriculum content.



Read Along



Remove Highlights

← Back To Lesson

🔊 Sound: On

🔊 Narration: Fast

Select Language



The school library

How many racks does Javier estimate are in the library? 🔊

About 20



Save

Javier is buying new books for his school's library. He needs to figure out how many books can fit in the library. Javier **estimates** that there are about 20 book racks in the library.

Next →

Prompting on each page encourages reading for comprehension and reflection.

C.R.O.W.D. Prompts

C – Completion: Learners are asked to finish a statement.

R – Recall: Learners write or say in their own words what has happened so far in a story or text.

O – Open-ended: Learners are asked to notice details about the images that accompany a text.

W – Wh-prompts: Learners are asked to provide a specific correct response based on context clues in the text.

D – Distancing: Learners reflect on their own experiences. This helps learners form a bridge between a text and the real world.





Read Along



Remove Highlights

← Back To Lesson

🔊 Sound: On

⚡ Narration: Fast

Select Language

1 2 3 4 5 6

The natural numbers

What are the numbers Javier uses to count called? 🔊

They are call natural numbers.

Save

Javier counts the number of book racks using the **natural numbers**. Javier sees there are 22 racks in the library.

A A A A A A A A

2

← Back Next →

The unit vocabulary are **bolded**.



Read Along



Remove Highlights

← Back To Lesson

🔊 Sound: On

🔊 Narration: Fast

Select Language

Next, Javier sees that each book rack has 4 shelves.

...ws that each shelf ... books. Javier needs ... te how many total ... fit on each rack.

a book rack

a shelf

a book

a book rack

How many books ...

8

Save

←Back Next →

3



The activity has many learning supports and accessibility features. For example, students may zoom in on an image or listen to text narrated.



Read Along



Remove Highlights

← Back To Lesson

Sound: On

Narration: Fast

Select Language

The screenshot shows a digital reading application. On the left is a dark teal sidebar with a 'Read Along' header and several interactive buttons: 'Remove Highlights', '← Back To Lesson', 'Sound: On', 'Narration: Fast', and 'Select Language'. The main area displays an open book. The left page features a diagram of a wooden book rack with four shelves, each holding four books. Labels include 'a book rack' (pointing to the entire unit), 'a shelf' (pointing to one of the four horizontal shelves), and 'a book' (pointing to one of the books on a shelf). Below the diagram is the caption 'A book rack'. The right page contains a text box with the following text: 'Next, Javier sees that each book rack has 4 shelves. Javier knows that each shelf can fit 8 books. Javier needs to calculate how many total books can fit on each rack.' The word '8' is highlighted in yellow. At the bottom of the right page, there is a sequence of letters 'A A A A A A A A' with the letter 'A' highlighted in blue, and a page number '3' in the bottom right corner. A floating input box in the foreground asks 'How many books can fit on each shelf?' and has the number '8' entered. At the bottom of the screen are three buttons: 'Save', '←Back', and 'Next →'.

They can highlight text and/or dim the screen around text.



አብረው ያንብቡ



ዋና ዋና ዜናዎችን አስወግድ

← ወደ ትምህርት ተመለስ

🔊 ድምጽ: በርቷል

🗣️ ትረካ: ፈጣን

Amharic

የመጽሐፍ መደርደሪያ

a book rack

a shelf

a book

በመቀጠል, Javier እያንዳንዱ የመጽሐፍ መደርደሪያ 4 መደርደሪያዎች እንዳሉት ይመለከታል. Javier እያንዳንዱ መደርደሪያ 8 መጽሃፎችን እንደሚያሟላ ያውቃል . Javier በእያንዳንዱ መደርደሪያ ላይ ምን ያህል ጠቅላላ መጽሐፍት እንደሚገኙ መወያየት ያስፈልገዋል።

A A A A A A A A

3

በእያንዳንዱ መደርደሪያ ላይ ስንት መጽሃፎች ሊቀመጡ ይችላሉ? 🎤

8

አስቀምጥ

←ተመለስ

ቀጥሎ→

They can translate text and navigation. Or even respond verbally in place of writing.

Sort It Out has students evaluate a set of facts, rules, or evidence.



Sort It Out

← Back To Lesson

? Activity Help

🔊 Sound: On

🔊 Narration: Slow

Select Language



Which equation matches with area? Which equation matches with perimeter?

Determine which equation is used for area and perimeter, then put it in the correct column.



Finding Area

$$5 \times 6 = 30$$



$$3 \times 5 = 15$$



$$7 \times 7 = 49$$



Evidence

6 items

$$7 + 7 + 7 + 7 = 28$$



$$7 \times 7 = 49$$



$$9 + 9 + 1 + 1 = 20$$



✓ Check My Work

Finding Perimeter

$$5 + 5 + 6 + 6 = 22$$



$$8 + 8 + 4 + 4 = 24$$



In this activity, students are sorting expressions by whether they solve for area or perimeter.



Sort It Out

← Back To Lesson

? Activity Help

🔊 Sound: On

🔊 Narration: Slow

Select Language



Which equation matches with area? Which equation matches with perimeter?

Determine which equation is used for area and perimeter, then put it in the correct column.



Finding Area

$5 \times 6 = 30$



$3 \times 5 = 15$



$7 \times 7 = 49$

$7 + 7 + 7 + 7 = 28$

$9 \times 1 = 9$

$3 + 3 + 5 + 5 = 16$



Evidence

0 items

Work Analyzed!



3 evidence items need to be sorted again.

Re-sort items →

Finding Perimeter

$5 + 5 + 6 + 6 = 22$



$8 + 8 + 4 + 4 = 24$



$9 + 9 + 1 + 1 = 20$



$8 \times 4 = 32$



✓ Check My Work



When done sorting, students can self-check their work and then self-correct.



Sort It Out

← Back To Lesson

? Activity Help

🔊 Sound: On

🔊 Narration: Slow

Select Language



Which equation matches with area? Which equation matches with perimeter?

Determine which equation is used for area and perimeter, then put it in the correct column.



Finding Area

$$5 \times 6 = 30$$



$$3 \times 5 = 15$$

$$7 \times 7 = 49$$

$$9 \times 1 = 9$$

Evidence

$$7 + 7 + 7 + 7 = 28$$



Finding Perimeter

$$5 + 5 + 6 + 6 = 22$$



$$8 + 8 + 4 + 4 = 24$$



$$9 + 9 + 1 + 1 = 20$$



A Helpful Hint

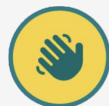
$$7 + 7 + 7 + 7 = 28$$

Sorting help: To find the distance around a shape, find all the side lengths and put them together.

Return to Sorting →





✓ Check My Work



The activity includes **hints** specific to each item card to help guide students toward the right answer. They get as many tries as they need to succeed.

Knowledge Check (End of Lesson)



Level Up

Rounds


← Back to Lesson

Select Language ▼

Narration Speed

slow ▼


Help



Text Resize
A A A A A A A

Word Gallery >

1. Talia threw a ball up into the air. When the ball reaches the top it represents the: 🔊



- A minimum 🔊
- B maximum 🔊
- C x-intercept 🔊



Recap: Learning Experience



Let's review:

- ✓ What can you do in Speak Agent?
- ✓ How does it fit your curriculum?
- ✓ What can students do?
- ✓ What is saved in the portfolio?
- ✓ Types of activities in Speak Agent





Activity Workshop

Step 1: Find Us in Clever

Search for the "Speak Agent" app.

Click on our logo! It should take you to your **Home** page in our app.



Step 2: Find Your Lesson

Math 4 | 1A | Structure of Whole Numbers

Math 4 | 1B | Structure of Whole Numbers

Math 5 | 1A | Whole Number Multiplication & Division

Math 5 | 1B | Whole Number Multiplication & Division



Step 3: Preview the Lesson

 Preview

Please try the following in your account:

1. Find a lesson from the **Lessons** menu.
2. Press the **Preview** button.
3. Preview a handful of activities. Keep the questions below in mind as you do.



As you try each activity, note down the following:

- What strategies or learning supports does the activity offer?
- Where does the activity fit into your classroom structure?





Getting Started



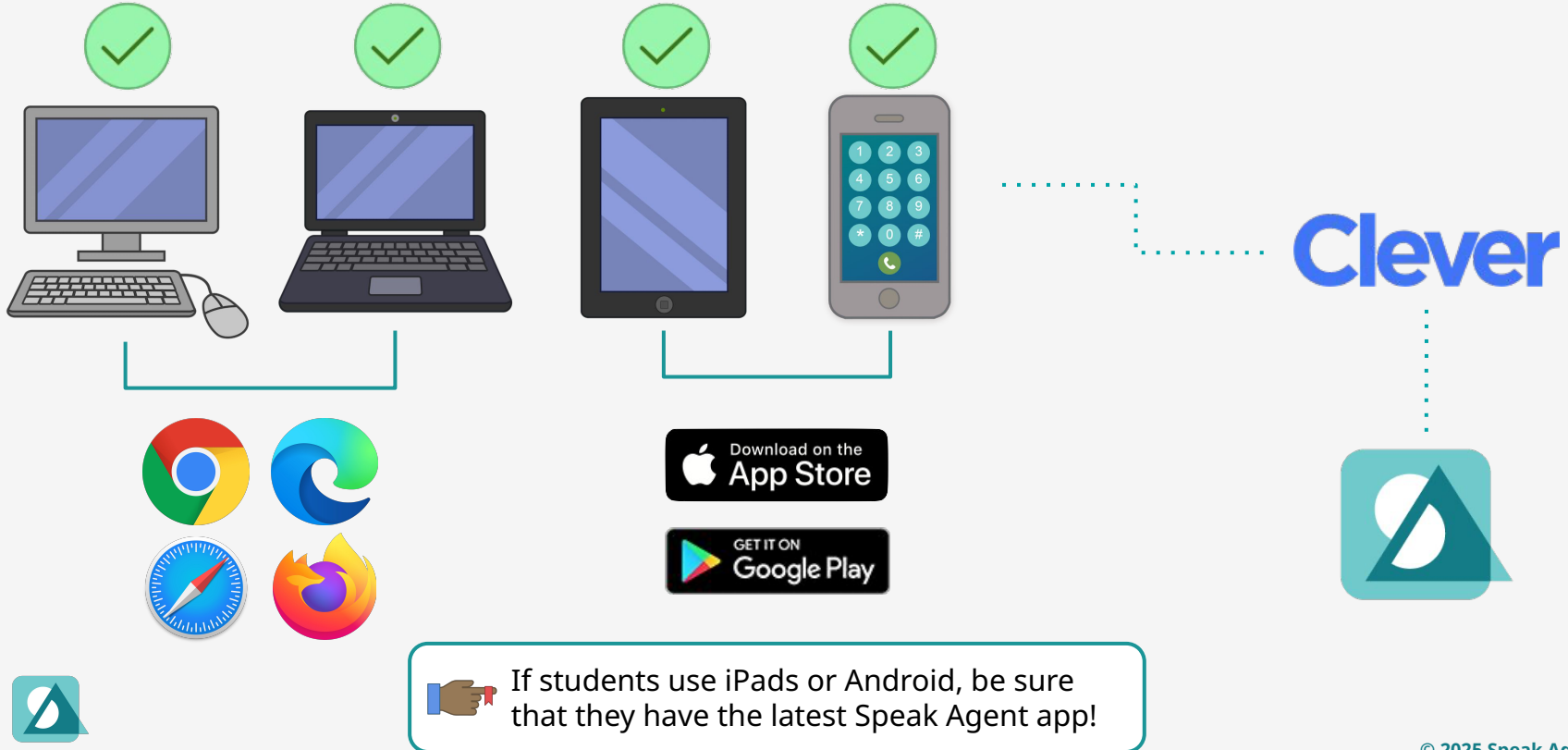
Preparation

Let's first take a look at what you'll need to know before using Speak Agent in your classroom.

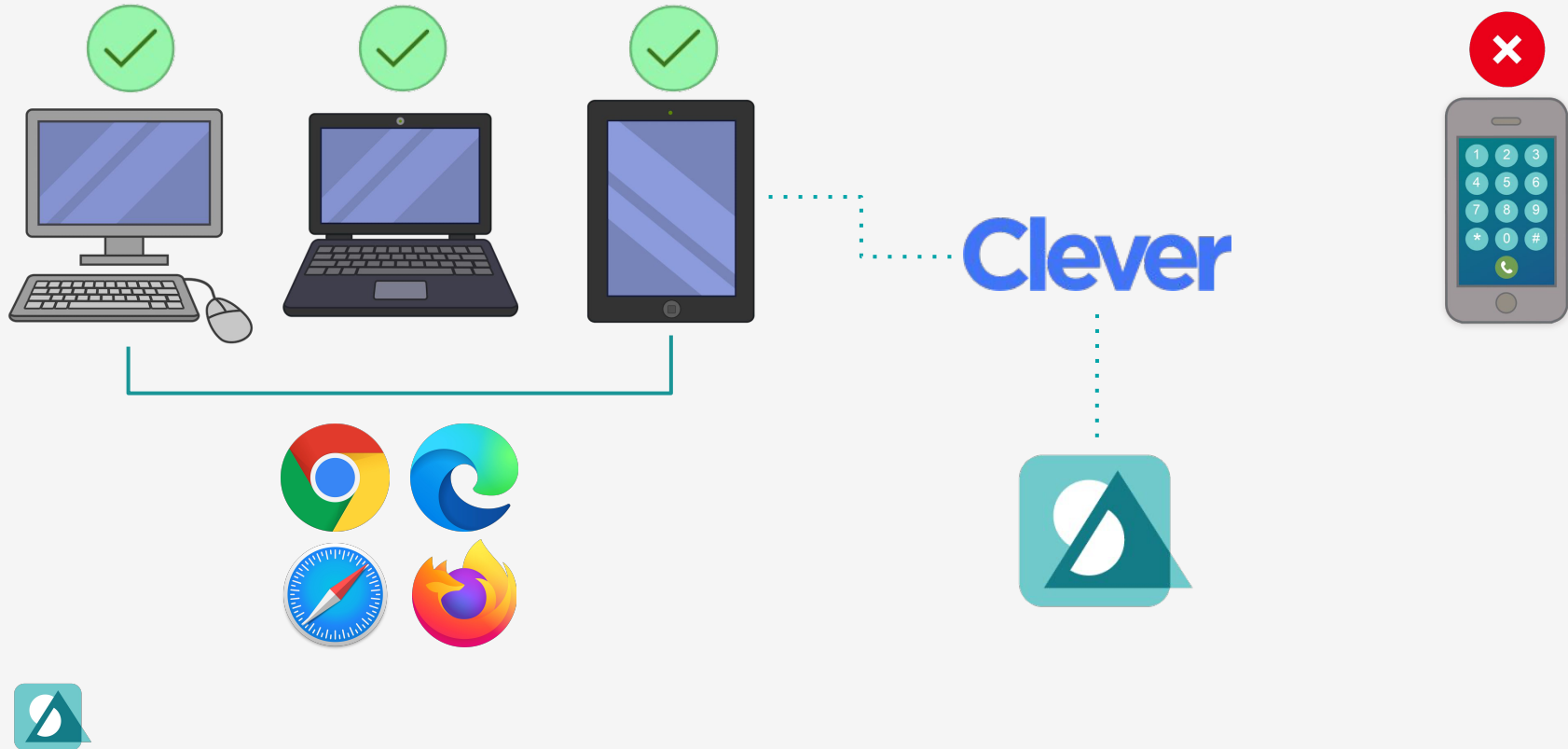
- Access
- Rosters
- Finding lessons
- What's in a lesson
- Preview



Student Access



Teacher Access



Home

Classes & Students

Lessons

Wordlists

Academy

← Back to Classes

 | Class Detail

Class: Elementary Demo | Demo Class

Manage Class Roster

Add Students

Assign Lesson

Print Login Info

Edit Info

Create Story Spin

Description:

Lesson Progress

Roster (5)

Charts

Activity

Inbox

Leaderboard

Story Spin

enter text here

Last Name	First Name	Required Activities Done		Lessons Done	
DeLeo	Camilla	0 of 9	0%	0 of 1	0%
Garza	Xavier	0 of 24	0%	0 of 3	0%
Lange	Mimi	4 of 17	24%	0 of 2	0%
Lazlo	Michael	0 of 17	0%	0 of 2	0%
London	Dan	0 of 17	0%	0 of 2	0%

The **Roster** tab shows the students enrolled from **Synergy** (updated daily). Click a student's name for details.

Class: AiA PD | October 20, 202

Manage Class Roster Assign Lesson Print L

Lesson Progress

enter text here

Last Name	First Name	Required Activities Done
Chao	Kimberly	2 of 17 12%
Cortes	Camila	0 of 17 0%
Ellison	Emily	0 of 17 0%
Fischer	Genesis	3 of 17 18%
Garcia	Isabella	0 of 17 0%
Garza	Joaquin	0 of 17 0%

To drop a student, click the **x** and **Save Changes**.

Type the name of a student in the box below.

Enter Name of Student

Class Roster

Chao, Kimberly x Cortes, Camila x Ellison, Emily x Fischer, Genesis x Garcia, Isabella x
Joaquin x Ismail, Joseph x Phillips, Mia x Tronconis, Daniel x Velasquez, Jayden x

Last Name	First Name	Username
Alvarez	Luis	luis564
Chao	Kimberly	kimberly370
Cortes	Camila	camila540
Ellison	Emily	emily656
Fischer	Genesis	genesis158
Garcia	Isabella	isabella944
Garza	Joaquin	joaquin479
Ismail	Joseph	joseph649
Phillips	Mia	mia844

The **Save** button is down here.

✓ Save Changes

Press **Manage Class Roster** if you need to override your SIS.

Lessons

+ Create New Lesson

71

Organization Lessons
(47)

Lessons You Made
(0)

Sample Lessons
(17)

Reset

Search Lessons:

Narrow By:

Math 6

Middle School Math

Grade(s)

☐ Include lessons made by other teachers.

1
2
»

<input type="checkbox"/>	Title	Classes Assigned To	Subject	Grade	Tags	Actions
5	Math 6 1.1A Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.6 6.NS.7 6.NS.8	
5	Math 6 1.1B Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.7 6.NS.8 6.NS.6	
3	Math 6 1.2A Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	
3	Math 6 1.2B Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	
8	Math 6 & Accelerated 1 Mini-Lesson	-	Middle School Math	6	6.NS.5 6.NS.C.5 Accelerated1 Math6	

To find a lesson, go to **Lessons** and search by topic or filter by course.

Narrow by Subject

1 Choose a course.

2 The search will automatically update.

For Acc 1, Acc 2, or FFA, choose this option!

71

Organization Lessons (4)

Lessons You Made (0)

Sample Lessons (17)

Search Lessons:

Reset Math 6

Search

Narrow By:

Subject(s)

MATH

Elementary Math

Middle School Math

Middle School Accelerated Math

Applications in Mathematics

HS Geometry

HS Algebra I

HS Algebra II

☐ Include lessons made by other teachers.

Actions

.5 | S.7 |

.5 | S.8 |

S.6 | S.8 |

S.6 | S.8 |

Math 6 | 1.1A | Negative Numbers & Absolute Value

Math 6 | 1.1B | Negative Numbers & Absolute Value

Math 6 | 1.2 | Equivalence & Equality

Math 6 | 1.2B | Equivalence & Equality



Search by Course

1 Type a course name here.

2 Press **Enter** or **Return** on your keyboard or click the magnifying glass.

71

Organization Lessons (4)

Lessons You Made (0)

Search Lessons:

Reset Math 6

Grade(s)

☐ Include lessons made by other teachers.

Math 4

Math 5

Math 6

Math 7

Math 8

Acc 1

Acc 2

FFA

	Title	Class	As	To	Grade	Tags	Actions
6	Math 6 1.1A Negative Numbers & Absolute Value	1			6	6.G.3 6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy
6	Math 6 1.1B Negative Numbers & Absolute Value	-			6	6.G.3 6.NS.5 6.NS.7 6.NS.8 6.NS.6	Link View Copy
4	Math 6 1.2A Equivalence & Equality	-			6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy
4	Math 6 1.2B Equivalence & Equality	-			6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy



Save Time by Favoriting Lessons

71

Organization Lessons (4)

Lessons You Made (0)

Sample Lessons (17)

Search Lessons:

Reset

Math 6

Narrow By:

Middle School Ma... x

Grade(s)

☐ Include lessons made by other teachers.

<div><div><div>♥</div><div>☑</div></div></div>	Title	Classes Assigned To	Subject	Grade	Tags	Actions
<div><div>♥</div>6</div>	Math 6 1.1A Negative Numbers & Absolute Value	1	Middle School Math	6	6.G.3 6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy
<div><div>♡</div>6</div>	Math 6 1.1B Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.7 6.NS.8 6.NS.6	Link View Copy
<div><div>♥</div>4</div>	Math 6 1.2A Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy
<div><div>♥</div>4</div>	Math 6 1.2B Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	Link View Copy

2 Check the box to show only favorites.

1 Click the heart outline.



Shortcuts to Share and Preview

71

Organization Lessons
(4)

Lessons You Made
(0)

Sample Lessons
(17)

Search Lessons:

Narrow By:

Reset

Math 6

Middle School Ma...

Grade(s)

☐ Include lessons made by other teachers.

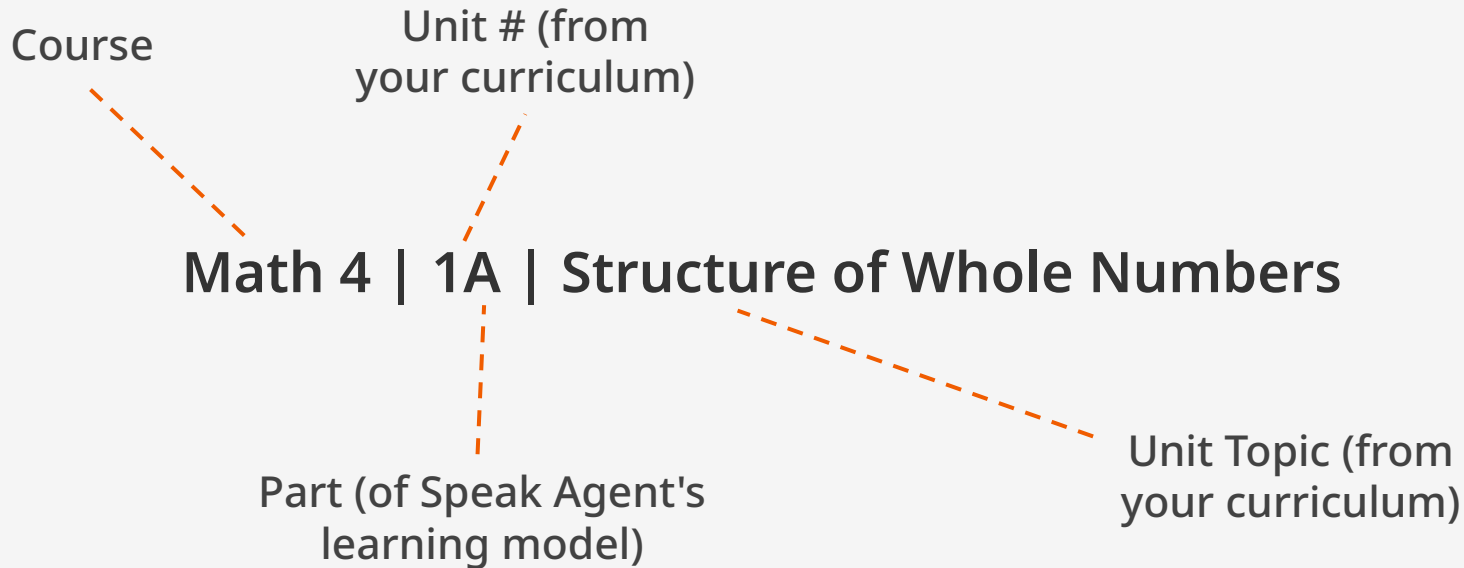
	<div><div>♥</div><div>✓</div></div> Title	Classes Assigned To	Subject	Grade	Tags	Actions
<div><div>♥</div>6</div>	Math 6 1.1A Negative Numbers & Absolute Value	1	Middle School Math	6	6.G.3 6.NS.5 6.NS.6 6.NS.7 6.NS.8	<div><div>🔗</div><div>👁</div><div>📄</div></div>
<div><div>♡</div>6</div>	Math 6 1.1B Negative Numbers & Absolute Value	-	Middle School Math	6	6.G.3 6.NS.5 6.NS.7 6.NS.8 6.NS.6	<div><div>🔗</div><div>👁</div><div>📄</div></div>
<div><div>♥</div>4</div>	Math 6 1.2A Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	<div><div>🔗</div><div>👁</div><div>📄</div></div>
<div><div>♥</div>4</div>	Math 6 1.2B Equivalence & Equality	-	Middle School Math	6	6.NS.5 6.NS.6 6.NS.7 6.NS.8	<div><div>🔗</div><div>👁</div><div>📄</div></div>

Share link

Preview



How Lessons Are Named



Elementary Math Courses Have Two-Part Lessons

- Math 4
- Math 5

Acquire Vocabulary & Background Knowledge	Build Comprehension & Communicate Reasoning
Introduces the academic vocabulary to enable students to access content and builds background knowledge.	Connects content to the real world. Students build content knowledge by communicating their thinking.
Engages students in listening, speaking, reading and morphology practice using visual aids and simplified, age-appropriate texts.	Ramps up the text complexity and adds opportunities for open-ended expression.



How Lesson Parts Are Named

This is Part A
of the lesson.

Math 4 | 1A | Structure of Whole Numbers

Math 4 | 1B | Structure of Whole Numbers

This is Part B
of the lesson.



Why Do Lessons Have Multiple Parts?

- It delivers the material in chunks that are manageable for you and not overwhelming for students.
- It gives you flexibility with pacing and differentiating instruction for your classes and students.
 - We generally recommend assigning the parts in order, but the decision is up to you.
 - Part A generally works best at the start of a new unit or topic.
 - Part B generally works best as the class digs deeper into the topic.
- It ensures that students have a variety of ways to stay engaged with the key academic concepts and content.
















Math 4 | 1A | Structure of Whole Numbers

→ Assign to Class → Assign to Student Preview View Wordlist Copy Print

Description

Students will use multi-digit numbers, add, subtract, multiply, and divide using block models and number lines.

Activities

Title	Type	Stage	Time Estimate	Actions
 Structure of Whole Numbers	Word Gallery	Acquire	3 - 10 min.	
 Structure of Whole Numbers	Picture Pairs	Acquire	5 - 10 min.	
 Structure of Whole Numbers	Matching	Acquire	2 - 5 min.	
 Modeling Math	Diagram It!: Review	Comprehend	2 - 5 min.	
 Structure of Whole Numbers	Scrambled Words	Acquire	2 - 10 min.	
 Structure of Whole Numbers	My Voice: Words	Acquire	10 - 20 min.	

Most lessons start with a Word Gallery.


Stages from our learning model.

This lesson is not yet assigned.

Lesson Details

Assigned To

 Classes: 0

 Directly to Students: 0

Grade(s):

4

Subject(s):

Elementary Math

Date Created: Jun 22, 2025

Last Update: Jul 02, 2025

Visibility: Shared

Language: English (U.S.)

Tags(s):

What's in a lesson? Let's take a look! We will start by previewing the lesson as a student.



Math 5 | Add and Subtract Decimals and Fractions | Part A

Complete the activities to finish this lesson.








Diagram It: Review
Fraction Addition


 How is it going?
Ready to start







Scrambled Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







★ Bonus Activity!
Word Gallery
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







★ Bonus Activity!
My Voice: Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







★ Bonus Activity!
Picture Pairs
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







★ Bonus Activity!
Matching
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.





★ Bonus Activity!
Diagram It: Label
Fraction Addition

 How is it going?
Working on it.



Preview a lesson to see what the student experience is like and/or use preview mode to run teacher-led activities. Close the tab to go back.



Math 5 | Add and Subtract Decimals and Fractions | Part A

Complete the activities to finish this lesson.








Diagram It: Review
Fraction Addition


 How is it going?
Ready to start







Scrambled Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







Bonus Activity!
Word Gallery
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







Bonus Activity!
My Voice: Words
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.







Bonus Activity!
Picture Pairs
Add and Subtract Decimals and Fractions


 How is it going?
Ready to start







Bonus Activity!
Matching
Add and Subtract Decimals and Fractions


 How is it going?
Working on it.





Bonus Activity!
Diagram It: Label
Fraction Addition

 How is it going?
Working on it.



Click an activity to launch it! No progress will be recorded in preview mode. Use this to run activities on the big screen.



Math 6 | 1.1A | Negative Numbers & Absolute Value ❤️

- Assign to Class
- Assign to Student
- Preview
- View Wordlist
- Copy
- Print

Description

* Negative numbers in the real world * Ordering rational numbers * Absolute value of

- Print Lesson Details
- Print Word Wall
- Print Cognates

Algebra 2 Unit 01A: Creating & Interpreting Quadratic Functions L2

Description
* The shape and key features of a parabola *
The basic features of a quadratic function/equation

Subjects
HS Algebra II

Tags
A.APR.B.3 | N.CN.B.4 | F.BF.3.1
A.CED.A.2 | F.BF.4.1 | F.IF.C.9 | N.CN.A.3.1
A.REI.B.4.a | N.CN.A.2

Language
English (U.S.)

List of Activities

#	Title	Type	Stage	Time Estimate
1	Quadratic Functions	Word Gallery	Recognize	3 - 10 min.
2	Introduction to Parabolas	Video		
3	Butterfly Symmetry	Diagram 1!: Free-write / Record	Communicate	2 - 5 min.
4	Trip to the Colosseum	Read Along	Comprehend	5 - 15 min.
5	Game of Catch	Tall Tales	Comprehend	5 - 10 min.
6	Quadratic Functions	Scrambled Sentences	Comprehend	5 - 15 min.

Word Wall - Algebra 2 Unit 01A: Creating & Interpreting Quadratic Functions L2

$f(x)=ax^2+bx+c$	parabola	vertex of a parabola
quadratic function		
x-intercept	symmetry	axis of symmetry
minimum	maximum	polynomial

Time Estimate Actions

3 - 10 min.

LOS COGNADOS

<p>parabola</p>	<p>numero racional</p>
<p>negative</p>	<p>rational number</p>

Lesson Details

Assigned To:

- Classes: 1
- Directly to Students: 2
- Direct Link:

Grade(s):

School Math

ated: Jun 07, 2024

ate: Jul 27, 2025

: Shared

e: English (U.S.)

You can optionally **Print** PDFs of the lesson plan, a word wall, and/or Spanish cognates.








✓	✗
3	π
$\sqrt{4}$	$\sqrt{2}$
11	4π
$\frac{1}{2}$	$\sqrt{7}$

[→ Assign to Class](#)
[→ Assign to Student](#)
[Preview](#)
[View Word](#)

* Negative numbers in the real world * Ordering rational numbers * Absolute value of rational numbers and absolute values with sea level

Activities

Title	Type	Stage	Time
 Rational Number Review	Word Gallery	Recognize	3
 Rational Number Review	Picture Pairs	Recognize	5
 Rational Number Review	Scrambled Words	Recognize	2
 Rational Number Review	My Voice: Words	Recognize	1
 Rational Number Review	Matching	Recognize	2



Word Gallery Activity Guide

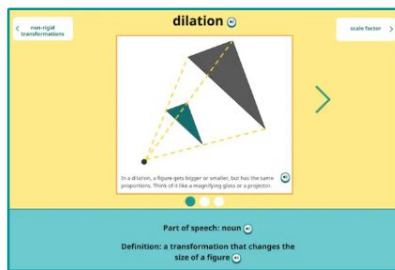
[Print Activity Guide](#)

Title

Rational Number Review

Stage

Recognize



Time To Complete

3 to 10 minutes


Learning Goal & Strategy

Word Gallery introduces new vocabulary through multimodal practice. It includes two views: a word wall and an image gallery. Each word in the gallery comes with photos and illustrations that display well on a big screen.

- Present new words by sharing your screen with the class.
- Encourage class participation by asking what students already know about each word or image. Use this to discover any misconceptions.
- Finally, ask students to review the unit vocabulary independently.

Communication Modes



Click the  guide icon to learn how to use each activity.



- Home
- Classes & Students
- Lessons
- Wordlists
- Academy



Math 6 | 1.1A | Negative N

→ Assign to Class

→ Assign to Student

Preview

Description

* Negative numbers in the real world * Ordering rational numbers * numbers and absolute values with sea

Activities






Title	Type	Stage
 Rational Number Review	Word Gallery	Recogn
 Rational Number Review	Picture Pairs	Recogn
 Rational Number Review	Scrambled Words	Recogn
 Rational Number Review	My Voice: Words	Recogn
 Rational Number Review	Matching	Recogn

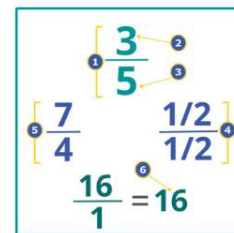
Diagram It!: Label Answer Key



Fraction Frenzy

Print Answer Key


Diagram



Slot Number

Word Or Phrase

1	fraction
2	numerator
3	denominator
4	complex fraction
5	improper fraction

Click the  key icon to see answer keys, where applicable.

Putting It Into Practice

Let's first take a look at what you'll need to do to start using Speak Agent in your classroom.

- Instructional guidance
- Assigning lessons
- Sharing and collaboration



Instructional Uses—Flexible to Classroom Needs

SAMPLE BLOCK - OPTIONS

Bell Ringer. Students sign in and get to work as soon as they enter the classroom!

Lesson. Teachers introduce new concept using a Speak Agent activity. Students keep Word Gallery open as a reference tool.

Small Group. Teacher leads instruction in small groups or pairs.






Independent Practice. Students not in groups engage in self-paced work.

Exit Ticket. Put a Speak Agent activity up on the big screen to engage in whole-class reflection—or use a writing activity as an exit ticket.

At Home. Assign Speak Agent as homework—or let students try bonus activities.



Dosage

SAMPLE Plan for One Week					
Day	Monday	Tuesday	Wednesday	Thursday	Friday
Speak Agent Activity	 Word Gallery	 My Voice & Scrambled Sentences	 Read Along & Matching	 Vocab Lab	 Explain Your Work
Setting	Whole Group	Pairs	Independent	Small Group	Independent
Time on Task	5m	15m	15m	10m	15m



The recommended dosage is **4 hours per month**.

Assignments

- Once you've selected a lesson to assign, just go to the lesson to assign it to your classes or students.
- You can also manage assignments from a class page and it will work pretty much the same as we show here...















Math 4 | 1A | Structure of Whole Numbers

 Assign to Class  Assign to Student  Preview  View Wordlist  Copy  Print





Students will use multi-digit numbers, add, subtract, round, use blocks, and solve problems on number lines.

Title	Type	Stage	Time Estimate	Actions
 Structure of Whole Numbers	Word Gallery	Acquire	3 - 10 min.	
 Structure of Whole Numbers	Picture Pairs	Acquire	5 - 10 min.	
 Structure of Whole Numbers	Matching	Acquire	2 - 5 min.	
 Modeling Math	Diagram It!: Review	Comprehend	2 - 5 min.	
 Structure of Whole Numbers	Scrambled Words	Acquire	2 - 10 min.	
 Structure of Whole Numbers	My Voice: Words	Acquire	10 - 20 min.	

Lesson Details

Assigned To:

 Classes: 0
 Directly to Students: 0

Grade(s):

4

Subject(s):

Elementary Math

Date Created: Jun 22, 2025

Last Update: Jul 02, 2025

Visibility: Shared

Language: English (U.S.)

Tags(s):

You can set up class assignments any time in advance and set a start time for your students in a later step.

Home

Classes & Students

Lessons

Wordlists

Reports

Academy

$f(x)=ax^2+bx+c$

CCSS Algebra II: Quadratic F

Assign to Class

Assign to Student

Preview

Description

* The shape and key features of a parabola

* The basic features of a quadratic function/equation

Activities

Title	Type
Quadratic Functions	Word Gallery
Trip to Trevi Fountain	Read Along
Quadratic Functions	Vocab Lab
Putting it All Together	My Voice: Question
Quadratic Functions	Word Spin

Enter Name of Class

Class Name

MPM QA Testing

+

Speak Agent All Grades

+

Speak Agent Elem Math & Science

+


Speak Agent HS Math & Science

+

Speak Agent MS Math & Science

-

Add Details →

Choose the class you want to receive the assignment. Press the  plus icon and then **Add Details**.

Home

Classes & Students

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Reports

Academy

$f(x)=ax^2+bx+c$

CCSS Algebra II: Quadratic Functions

Assign to Class

Assign to Student

Preview

Description

* The shape and key features of a parabola

* The basic features of a quadratic function

Activities

Title	Type
Quadratic Functions	Word Gallery
Trip to Trevi Fountain	Read Along
Quadratic Functions	Vocab Lab
Putting it All Together	My Voice: Questions
Quadratic Functions	Word Spin

Assignment Delivery Date

☒ Now ☐ In the future

08/17/2023 2:37 PM

Due Date (Optional)

Select a Date & Time

Activities

Required?	Title	Type
<input checked="" type="checkbox"/>	Quadratic Functions	Word Gallery
<input checked="" type="checkbox"/>	Trip to Trevi Fountain	Read Along
<input checked="" type="checkbox"/>	Quadratic Functions	Vocab Lab
<input checked="" type="checkbox"/>	Putting it All Together	My Voice: Questions
<input checked="" type="checkbox"/>	Quadratic Functions	Word Spin
<input checked="" type="checkbox"/>	Quadratic Functions	Level Up

← Select more classes

Confirm Details →



The **Delivery Date** is the date and time when your students will see the lesson in their account. It stays hidden until then.

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$f(x)=ax^2+bx+c$

CCSS Algebra II: Quadratic Functions

Assign to Class

Assign to Student

Preview

Description

* The shape and key features of a parabola

* The basic features of a quadratic function/equation

Activities

Title	Type
Quadratic Functions	Word Gallery
Trip to Trevi Fountain	Read Along
Quadratic Functions	Vocab Lab
Putting it All Together	My Voice: Questions
Quadratic Functions	Word Spin

Assignment Delivery Date

Now

In the future

09/22/2023 2:00 PM

September 2023

September 2023

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Time

12:30 PM

1:00 PM

1:30 PM

2:00 PM

2:30 PM

3:00 PM

3:30 PM

✓

Quadratic Functions

Vocab Lab

✓

Putting it All Together

My Voice: Questions

✓

Quadratic Functions

Word Spin

✓

Quadratic Functions

Level Up

Select more classes

Confirm Details

Choose your preferred date and time for delivery. You can also optionally set a **Due Date** for students to finish the lesson.

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$f(x)=ax^2+bx+c$

CCSS Algebra II: Quadratic Functions

Assign to Class

Assign to Student

Preview

Description

* The shape and key features of a parabola

* The basic features of a quadratic function/equation

Activities

Title	Type
Quadratic Functions	Word Gallery
Trip to Trevi Fountain	Read Along
Quadratic Functions	Vocab Lab
Putting it All Together	My Voice: Questions
Quadratic Functions	Word Spin

Assignment Delivery Date

Now

In the future

09/22/2023 2:00 PM

Due Date (Optional)

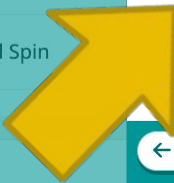
09/29/2023 9:00 AM

Activities

Required?	Title	Type
<input checked="" type="checkbox"/>	Quadratic Functions	Word Gallery
<input checked="" type="checkbox"/>	Trip to Trevi Fountain	Read Along
<input checked="" type="checkbox"/>	Quadratic Functions	Vocab Lab
<input checked="" type="checkbox"/>	Putting it All Together	My Voice: Questions
<input type="checkbox"/>	Quadratic Functions	Word Spin
<input checked="" type="checkbox"/>	Quadratic Functions	Level Up

Select more classes

Confirm Details



If you want to make an activity optional, just uncheck the box. This makes it a "bonus activity" for your students.

Managing Assignments

- After you assign a lesson, you can change it:
 - Remove
 - Archive
 - Edit
- You can do this from either of these places:
 - the lesson that you assigned
 - the class/student who received the assignment





→ Assign to Class

Description

Students will use multi-digit

Activities

Title



Structure of Whole Numbers



Structure of Whole Numbers



Structure of Whole Numbers



Modeling Math



Structure of Whole Numbers



Structure of Whole

Lesson Details

Assigned To:



Classes: 1



Directly to Students: 2



Direct Link:



Lesson Details

Assigned To:



Classes: 1



Directly to Students: 2



Direct Link:

Grade(s):

6

Subject(s):

Middle School Math

Date Created: Jun 07, 2024

Last Update: Jul 27, 2025

Visibility: Shared

Language: English (U.S.)

Click the edit icon to modify an assignment.

Home

Classes & Students

Lessons

Wordlists

Academy

3

✓

√4

✓

11

✓

1/2

✓

11

✗

√2

✗

4/11

✗

√7

✗

Math 6 | 1.1A | Nega

→ Assign to Class

→ Assign to Student

Description

* Negative numbers in the real world * Ordering ration

Applying negative numbers and absolute values with s

Activities

Title	Type	Sta
Rational Number Review	Word Gallery	Rec
Rational Number Review	Picture Pairs	Rec
Rational Number Review	Scrambled Words	Rec

Classes Assigned To

Click the icon to edit an assignment and change the dates or required activities.

Class Name	Assigned on	Due on	Actions
Test Class 2025	Jul 27, 2025 04:56PM	No due Date	



Click the edit icon next to the assignment you want to modify.



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Sharing a Lesson with Students

Lesson Details

Assigned To:



 **Classes: 1** 

 **Directly to Students: 3** 

Direct Link: 


Copy Direct Link




 **Link Copied to Your Clipboard!**


Paste this link in Canvas, Google Classroom, or any message to your students or colleagues. The link will only work for students who have been assigned this lesson.

Close

On the right sidebar of the lesson, click the link icon: .

Now paste the link in Canvas, Google Classroom, or any other tool.

Sharing a Lesson with Colleagues

- Share a lesson using the direct link: 
- If you make your own lesson, you can make it visible in the search results for teachers in your school district (but not other districts). See next slide.



Date Created: Feb 20, 2025

Last Update: Feb 20, 2025

Visibility: Not Shared 

☐ **Not Shared**

Colleagues cannot access this lesson.

☒ **Shared**

Colleagues may use this lesson.



Include lessons made by other teachers.

If you want your lesson to show up in search results for colleagues in your district, change the visibility to **Shared**.

Collaborating with Co-Teachers

- Co-teachers/specialists get full access to class/student assignments, data reports, and other features.
- You can also collaborate with paraprofessionals and long-term subs.
- We automatically grant them access, but only if they are set up correctly in your SIS.
 - They need to be a teacher on the class section in the SIS.
 - This will generate a login for them (through Clever), add them as a teacher of your class, give them access to all the students, and let them manage assignments.
 - Tell your school scheduler to give them a "teacher" role in the SIS for your class section.
 - If you need an urgent workaround, please contact our support team!



Recap: Getting Started



Let's review:

- ✓ How do students get access?
- ✓ Where are my class rosters?
- ✓ What's in a lesson?
- ✓ Using "preview"
- ✓ Putting it into practice
























Planning Workshop

How to Use the Activities











- Each activity is like a toolbox.
- Each supports a variety of strategies that are flexible to your needs.
- The following slides offer ideas for how each activity can be used.








Activity	How to Use It	Time
 Diagram It!	 Introducing Connections   Warm-Up  Exit Ticket  Starting a Discussion	2 to 5 minutes
 Drawing Board	 Exit Ticket   Partner Work	5 to 15 minutes
 Explain Your Work	 Formative Assessment   Starting a Discussion <i>Consider doing this activity over two sessions.</i>	15 to 30 minutes










-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*






The first strategy listed is the one we recommend trying first.

Activity	How to Use It	Time
 Level Up	 Formative Assessment 	2 to 5 minutes
 Matching	 Warm-Up  Partner Work  Exit Ticket	2 to 5 minutes
  Math Problem Maker & Solver	 Culminating Activity (Note: Partners are determined randomly.) <i>Consider doing this activity over two sessions.</i>	30 to 60 minutes
















-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*






Level Up is the end-of-unit knowledge check.


Activity	How to Use It	Time
 My Voice: Words	 Warm-Up  Homework	10 to 20 minutes
 My Voice: Phrases/ Questions	 Exit Ticket   Warm-Up  Partner Work  Homework	5 to 10 minutes
















-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*






My Voice can get noisy if the whole class does it together, so it can be a good candidate for use as homework.

Activity	How to Use It	Time
 Picture Pairs	 Starting a Discussion  Warm-Up  Partner Work  Formative Assessment  Exit Ticket	5 to 10 minutes
 Read Along	 Partner Work   Introducing Connections  Starting a Discussion	5 to 15 minutes
 Scrambled Sentences	 Warm-Up   Exit Ticket	5 to 15 minutes










-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*






The  symbol means the activity comes with an answer key.

Activity	How to Use It	Time
 Scrambled Words	 Warm-Up   Partner Work  Exit Ticket	2 to 10 minutes
 Sort It Out	 Exit Ticket   Warm-Up  Partner Work  Formative Assessment	5 to 10 minutes
 Tall Tales	 Formative Assessment   Exit Ticket	5 to 10 minutes

-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*

The time range can vary based on the volume of content and each student's individual pace.

Activity	How to Use It	Time
 Vocab Lab	 Exit Ticket   Partner Work  Formative Assessment	5 to 15 minutes
 Word Gallery	 Introducing Concepts  Warm-Up  Homework	5 to 10 minutes

-  Independent
-  Pairs
-  Small Groups
-  Whole Class
-  *Recommended*

Word Gallery can be used as a reference tool throughout the unit.

Weekly Planner: Google Sheet

1	Unit Name:	Geometry Unit 01A-C: Transformation on the Coordinate Plane & Using Rigid Motion				
2						
3	Week of _____	Monday	Tuesday	Wednesday	Thursday	Friday
4	Lesson Topic:	Geometry Terms		Mapping Geometric Features		Geometry Terms
5						
6	Activity #1	Word Gallery ▼	▼	Read Along ▼	▼	My Voice: Words ▼
7	Time Estimate	10 minutes	N/A	15 minutes	N/A	20 minutes
8	Setting	Whole Class ▼	▼	Independent Work ▼	▼	Pairs ▼
9						
10	Activity #2	Picture Pairs ▼	▼	Diagram It! ▼	▼	Scrambled Words ▼
11	Time Estimate	10 minutes	N/A	5 minutes	N/A	10 minutes
12	Setting	Independent Work ▼	▼	Independent Work ▼	▼	Independent Work ▼
13						
14	Activity #3	Matching ▼	▼	▼	▼	Vocab Lab ▼
15	Time Estimate	5 minutes	N/A	N/A	N/A	15 minutes
16	Setting	Independent Work ▼	▼	▼	▼	Independent Work ▼
17	Total Class Time	25 minutes	N/A	20 minutes	N/A	45 minutes
18						



Ready to assign a lesson?

Step 1: Find a First Lesson to Assign

Math 4 | 1A | Structure of Whole Numbers


Math 4 | 1B | Structure of Whole Numbers

Math 5 | 1A | Whole Number Multiplication & Division

Math 5 | 1B | Whole Number Multiplication & Division




Step 2: Assign the Lesson to a Class

1. Go to the lesson.
2. Press  → **Assign to Class**
3. Choose your options.

Let us know if you have questions!



Step 3: Copy and Paste the Link

- Copy a direct link to the lesson. 
- Paste the lesson link in a message to your students in Canvas or another tool you use.



**Did this process work for you?
Did it lead to any questions?**





Progress Monitoring

[← Back to Classes](#) | Class Detail

Class: Elementary Demo | Demo Class

Manage Class Roster

+ Add Students

Assign Lesson

Print Login Info

Edit Info

+ Create Story Spin

Description:

Lesson Progress

Roster (5)

Charts

Activity

Inbox

Leaderboard

Story Spin

Lesson Reports ▾	Start Date	Due Date	Student Progress	Actions
CCSS Math 8: Linear Functions	Feb 23, 2024 12:19PM	Mar 08, 2024 01:00PM	0 of 3 0%	Link Edit Charts View Share Delete
CCSS Math 8: Squares, Cubes, & Decimals	Jul 25, 2025 02:36PM	No Due Date	0 of 5 0%	Link Edit Charts View Share Delete

The **Lesson Progress** tab gives you access to all lesson reports for assignments made to the class.

Lesson: Math 6: Number Lines & Coordinate Planes

Class Progress

Aa Words

Level Up

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Last Name	First Name	Required Activities Done	Optional Activities Done	Word Gallery	Diagram It: Label	Picture Pairs	Scrambled Sentences	Diagram It: Label	Read Along	Diagram It: Free-write / Record	Read Along	Matching	Level Up: Formative Assessment
Alvarado	Sofia	82%	—	✓	✓ 4/4	✓ View 14/16	—	✓	✓	✓	✓ View	✓ 6/10	— 3/6
Garza	Xavier	45%	—	✓	—	✓ View 16/16	—	—	—	—	—	✓ 6/9	—
Nguyen	Trang	55%	—	✓	✓ 4/4	✓ 15/16	✓ 47/49	—	—	—	—	✓ 6/11	✓ 4/6
Roman	Jayden	0%	—	—	—	—	—	—	—	—	—	—	—
Santos	Joaquin	55%	—	✓	✓ 4/4	✓ View 14/16	—	✓ 6/6	—	—	—	✓ 6/10	— 3/6
Student A1	New	9%	—	—	✓ 4/4	—	—	—	—	—	—	—	—

Displays the most recent score:

correct answers

total # learning opportunities

Lesson reports show student progress and scores.

Lesson: Math 6: Number Lines & Coordinate Planes

Class Progress		All Words	Level Up											
Last Name	First Name	Required Activities Done	Optional Activities Done	Optional Word Gallery	Optional Diagram It!: Label	Optional My Voice: Words	Optional Picture Pairs	Optional Scrambled Sentences	Optional Diagram It!: Label	Optional Read Along	Optional Diagram It!: Free-write / Record	Optional Read Along	Optional Matching	Optional Level Up: Formative Assessment
Alvarado	Sofia	82%	—	✓	✓ 4/4	✓ View	✓ 14/16	—	✓ 6/6	✓ View	✓	✓ View	✓ 6/10	— 3/6
Garza	Xavier	45%	—	✓	—	✓ View	✓ 16/16	—	—	—	✓	—	✓ 6/9	—
Nguyen	Trang	55%	—	✓	✓ 4/4	—	<div> <div>Scores:</div> <div>1st Try: 7/16</div> <div>2nd Try: 5/16</div> <div>3rd Try: 16/16</div> </div>	✓ 47/49	—	—	—	—	✓ 6/11	✓ 4/6
Romano	Jayden	0%	—	—	—	—		—	—	—	—	—	—	—
Santos	Joaquin	55%	—	✓	✓ 4/4	✓ View	✓ 14/16	—	✓ 6/6	—	—	—	✓ 6/10	— 3/6
StudentA1	New	9%	—	—	✓ 4/4	—	—	—	—	—	—	—	—	—

Click a student's name for their individual report.

To see a portfolio item, click the [View](#) link.

Lesson: Math 6: Number Lines & Coordinate Planes

Class Progress

Aa Words

Level Up

This class has learned the following unit vocabulary in Math 6: Number Lines & Coordinate Planes:

Word	Recognized	Comprehends	Communicates
absolute value	40%	20%	0%
coordinate plane	80%	60%	0%
describe	Not Passed: Henry Quincy	20%	0%
determine	40%	40%	0%
inverse	40%	0%	0%
number line	80%	60%	0%

Choose the **Words** tab to see class vocabulary progress for the current lesson. Hover your mouse over a bar to see details.



Class Progress

Ala

Words



Level Up %

This class selected the following responses in Algebra II Unit 01A: Quadratic Functions:

 [Answer Key >](#)

Question	% Correct (1st Try)	Most Common Wrong Answer
Talia threw a ball up into the air. When the ball reaches the top it represents the:	10 of 12 <div><div>83%</div></div>	Minimum
How can you tell if a polynomial function is quadratic?	4 of 12 <div><div>33%</div></div>	There is a term with an x.
How would you describe the shape of a parabola?	12 of 12 <div><div>100%</div></div>	The two ends go in opposite directions.

Choose the Level Up tab to see the results of end-of-unit knowledge checks. Hover your mouse over a bar to see details.

Class: Elementary Demo | Demo Class

[Manage Class Roster](#)

[+ Add Students](#)

[Assign Lesson](#)

[Print Login Info](#)

[Edit Info](#)

[+ Create Story Spin](#)



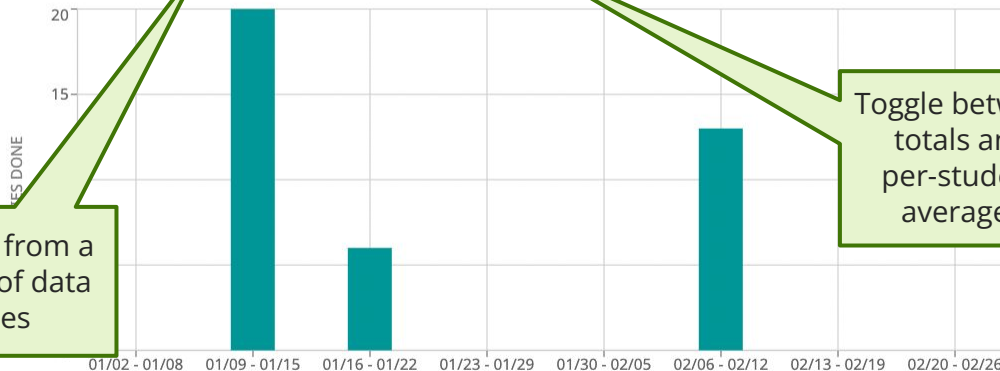
Rolling 8 Weeks

8 Weeks

Activities Done

Show Totals

Show per-Student Averages



View a rolling 4, 8, or 12 weeks of data

Choose from a variety of data types

Toggle between totals and per-student averages

Class Information

Students: 5

Lessons Assigned: 4

Created: Jan 05, 2023

Description

This class is for administrators to see what the reports look like for teachers who use Speak Agent!

Use the **Charts** tab to view class usage and progress trends.

Sign Up for Weekly Progress Reports



Honor Roll

This section lists any students who scored 100% on an activity on their first try in the past week.



Vocabulary Champs

This section lists any key academic concepts or words that your students mastered in the past week. For example, if it reads ***isosceles triangle (+3)***, that means three students learned it.

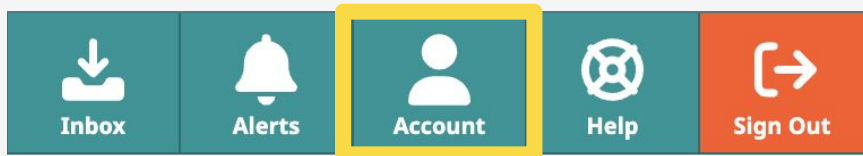


Students Who Need Support

This section lists the names of students who have struggled with an activity in the past week. We determine this if they failed to finish an activity after **five tries**. Click their name to see details.



Here's How:



Your Account

Settings Activities

First Name Last Name

Divya Shannon

Alias

Email

divya@speakagent.com

Change Password

☒ Email me a weekly class summary report!

Save Edits

When will my email arrive?

Every Sunday night.

Will it cover all my classes?

Yes, a single weekly email has data for all of your students across all class sections.

How do I opt out?

You will not be automatically signed up. You can opt in or out at any time.



Recap: Progress Monitoring



Let's review:

- ✓ Class lesson reports
- ✓ Word progress
- ✓ Level Up reports
- ✓ Trend charts
- ✓ Weekly email option





Support



Finding Your Mission Hub

Find everything you need to start your mission in one place!



speakagent.com/pgcps







What's on Your Mission Hub?

Teacher Resources

Video Tours

-  [What Is Speak Agent?](#) (1 min.)
-  [Teacher Tour: The Basics](#) (3 min.)

Guides & Tools

-  [Teacher's Guide for SY26](#)
-  [Progress Monitoring Guide](#) (for classroom teachers)
-  [Weekly Planner](#) (a Google Sheet you can copy)
-  [Accessibility Guide](#) | [la Guía de Accesibilidad](#)

User manual and activities glossary

For students with disabilities/IEP.

How-to articles and videos.

Help Resources

-  [Search Our Knowledge Base](#)
-  [Open a Support Ticket](#)
-  [Student Help page](#)
-  [Parents & Families page](#)

For tech issues or roster questions.



Personal Coaching by Zoom



Click a coach's name to book a Zoom meeting!

Coaching Calendars

Book a coaching session at your convenience with any of our coaches!



Andrea Blair, Ed.D.
Expertise: Math (Secondary)



Brian Camus, M.Ed.
Expertise: Science (Secondary)



Dan LaFountain, M.Ed.
Expertise: Math & Science (K-6)



Ben Grimley
Expertise: English Language Development

Meet with Andrea Blair

< October 2024 >

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

How long do you need?

15 mins

30 mins

What time works best?

Showing times

UTC -04:00 East

Pick a time and our Agent will drop right in!

9:30 am

9:45 am

10:00 am

10:15 am

10:30 am

10:45 am





Takeaways

Getting Started Checklist

- ☐ Check your class rosters.
- ☐ Find your **first lesson** and preview it.
- ☐ Plan your first week of Speak Agent. (Optional: Use the [planner](#).)
- ☐ **Assign** the first lesson to your classes.
- ☐ Model the first few activities on the big screen to get students familiar with them. Communicate expectations for speaking and writing activities.

If you need help, visit the PGCPs Mission Hub at speakagent.com/pgcps.

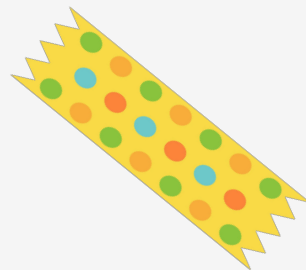


Thank you for participating!

in PD Course 101



Gremlins got your notes? We'll share slides!



.

