Information Session

for PGCPS Elementary Math Leaders







Session Goals

The presentation will run 30 minutes.

You are welcome to stay on for a 15-minute Q&A afterward.

- Introductions
- What Is Speak Agent?
- The Evidence
- How It Works
- Q&A



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.





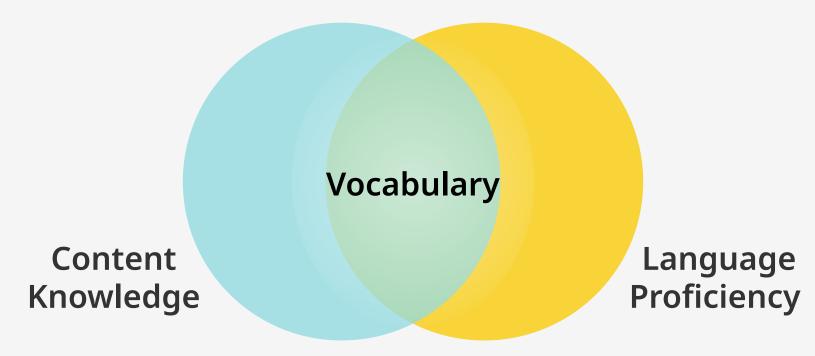
Why Speak Agent?

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

1 hour per week of 10.3% higher math **Speak Agent** scores



The Old Model





The New Model

Content Knowledge Conjecture
Construct
Discuss
Explain
Model
Reason

Language Proficiency



Language is integral to the math practices...

Connecting Literacy to the Math Practices

Math Practice	n	(((ů	C	A :	Ø
MP1: Sense Making	✓		✓		✓	
MP2: Reasoning		1		1		1
MP3: Arguments	1	1	1	1	✓	1
MP4: Modeling		1		1	1	1
MP5: Tools	1	1		1	✓	1
MP6: Precision	1	1	1	1	1	
MP7: Structure	1	1	1	1	1	✓
MP8: Regularity			1	1	1	1



What Is Speak Agent?



Content + Language = Success





The Content + Language Framework

Acquire the Vocabulary	B uild Comprehension	C ommunicate 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.		



An Award-Winning Program











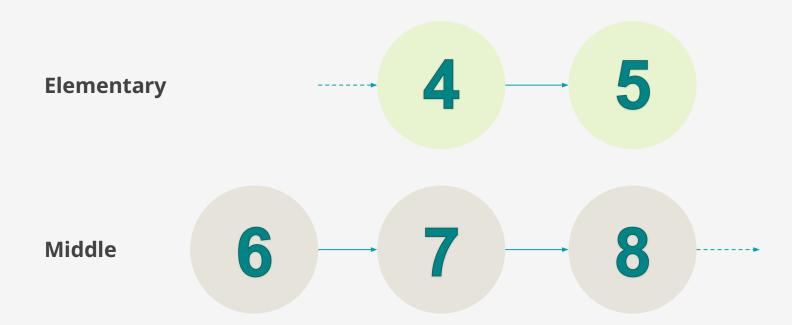


Small Business Innovation Research **AWARDEE**





+- K-8 Courses Available Now





The Evidence





Math Results

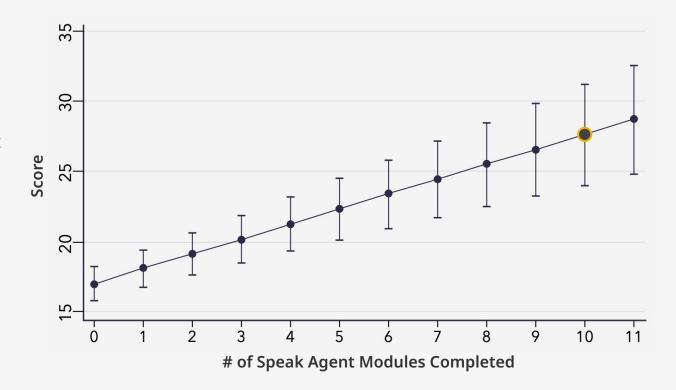
N = 46,929

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





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.





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

ELD Results

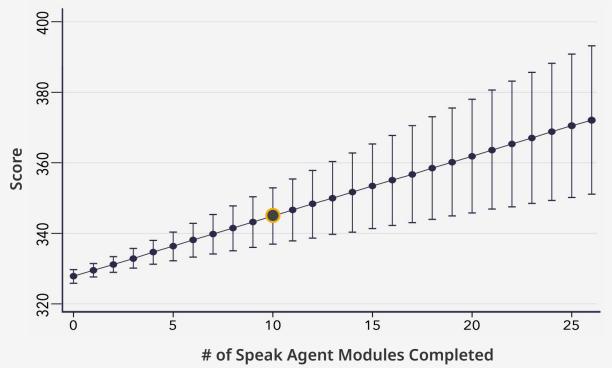
N = 5,361

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





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.

	VV I
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



80%

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

"Once they start... they get really engaged and don't want to stop!"

72%

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

"I am very impressed with the program. The students are loving it!"

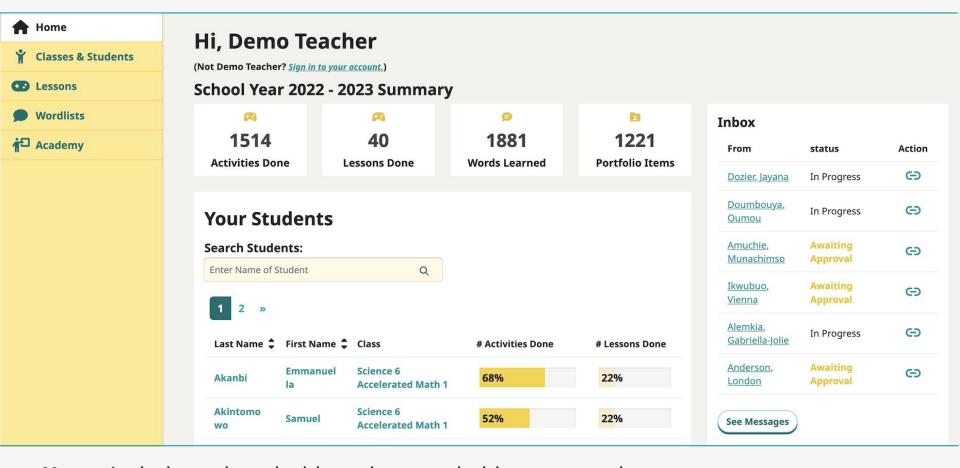
How It Works



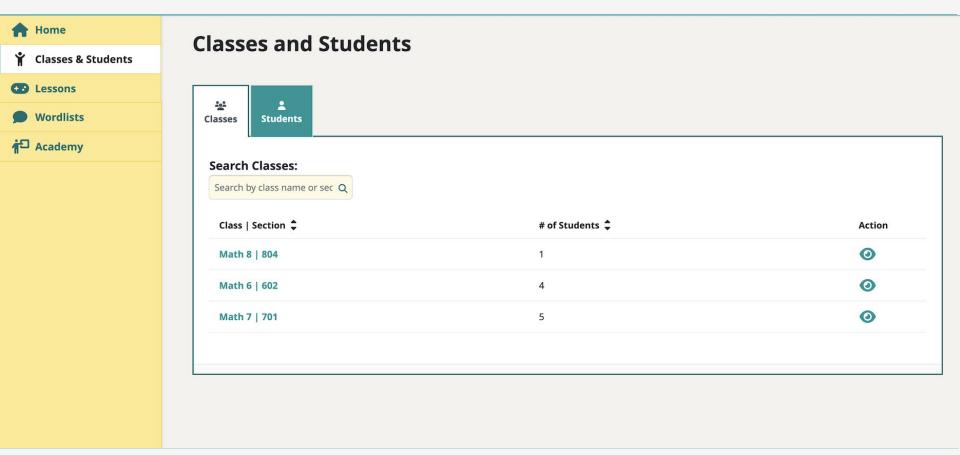
What Can Teachers Do in Speak Agent?

- 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.

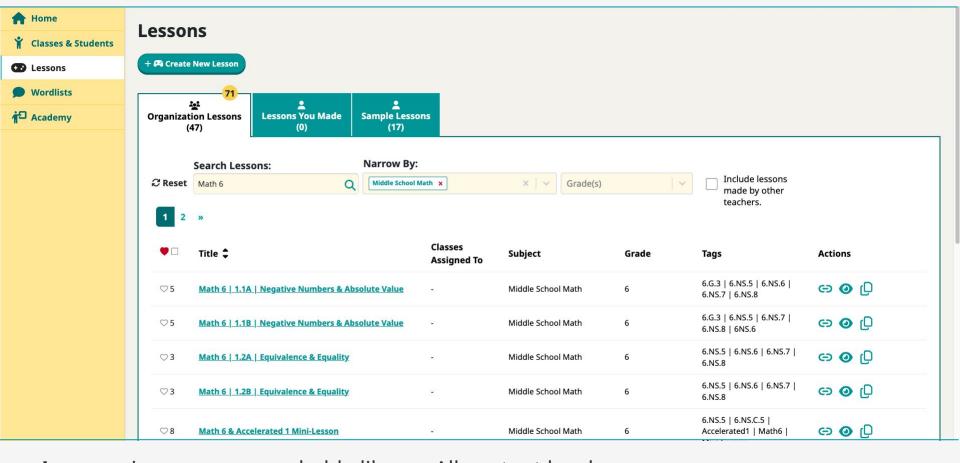




Home includes a data dashboard, a searchable roster, and an Inbox for student writing submissions.



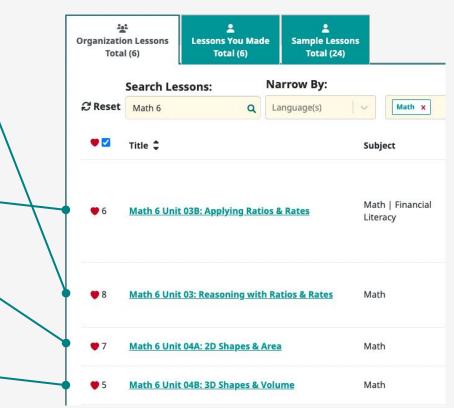
Classes & Students pulls all the class sections from Synergy. Rostering happens automatically and syncs every day.



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.



























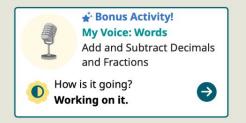
Math 5 | Add and Subtract Decimals and Fractions | Part A

Complete the activities to finish this lesson.

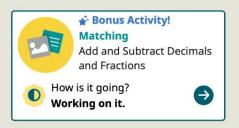


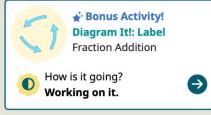




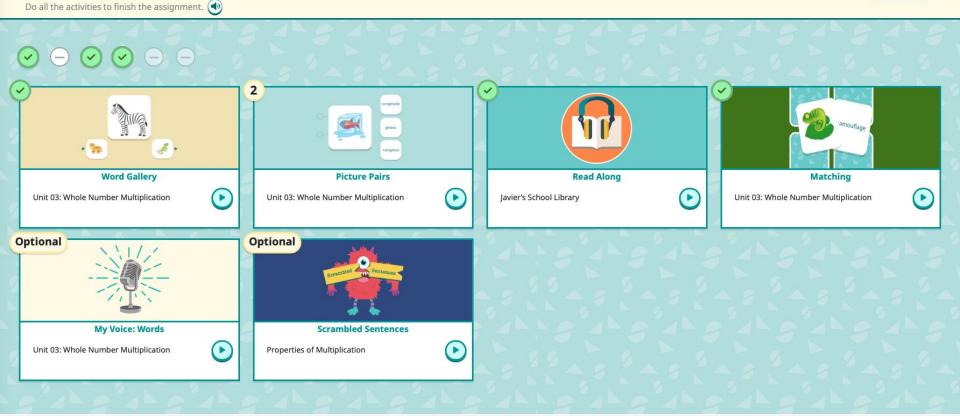






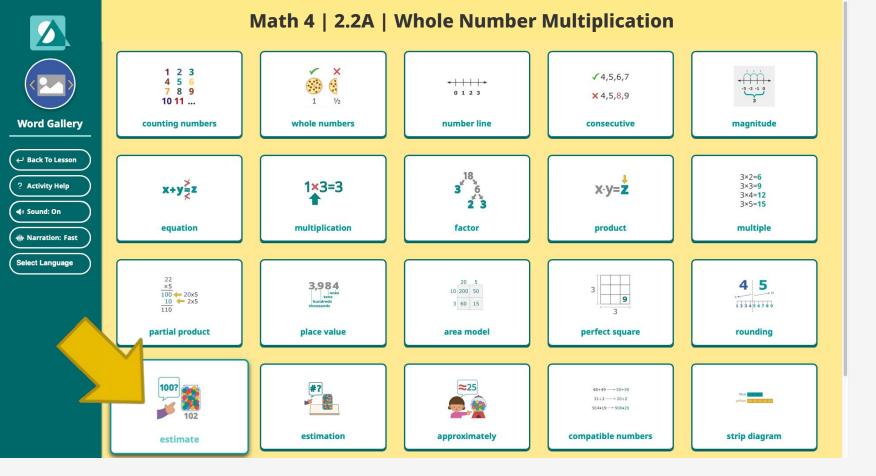


Students arrive at a lesson from Home, To Do, or from a direct link you share. They click a tile to launch an activity.

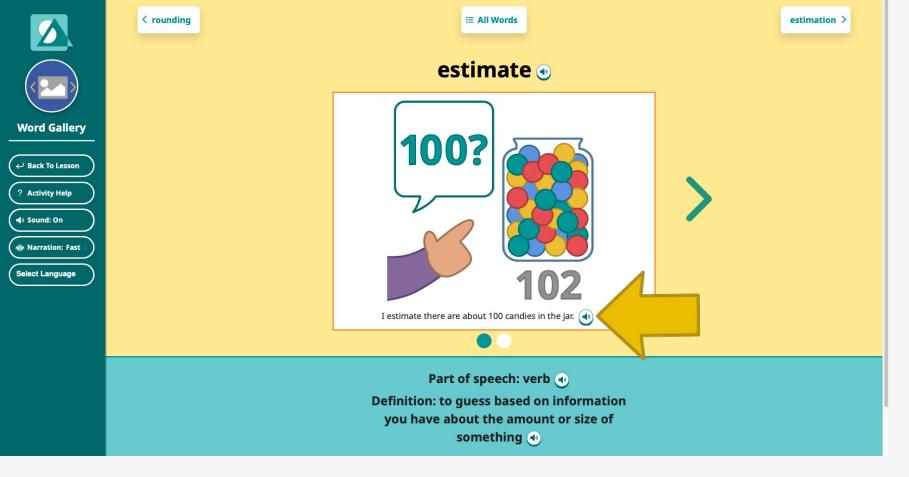


Fourth-graders get a slightly different look and feel to their interface. (In fifth grade they "graduate" to the older look.)

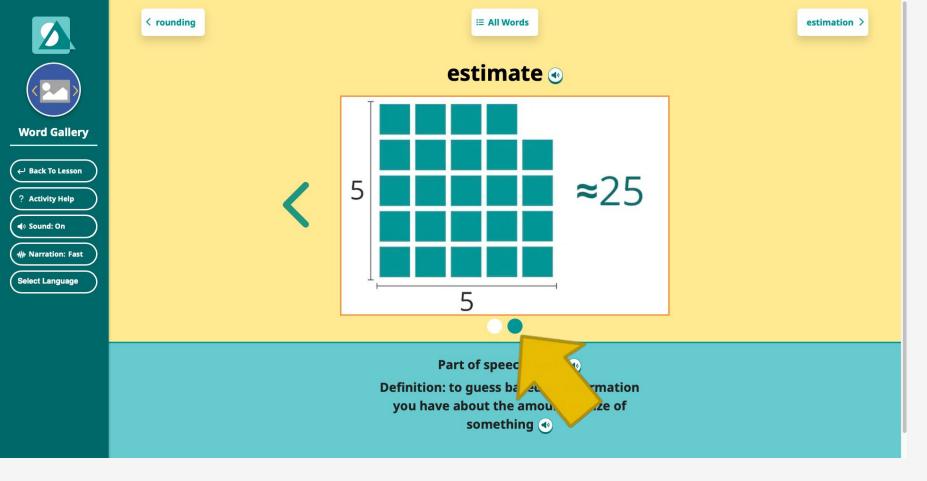
All lessons start with a Word Gallery...



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

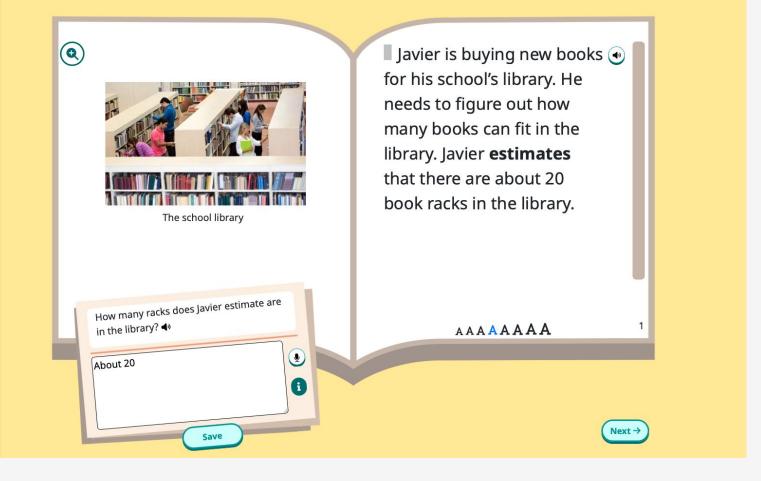


Students can listen to words, captions, or definitions narrated aloud.



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

Read Alongs engage students in the PGCPS curriculum content.



Prompting on each page encourages reading for comprehension and reflection.

Read Along

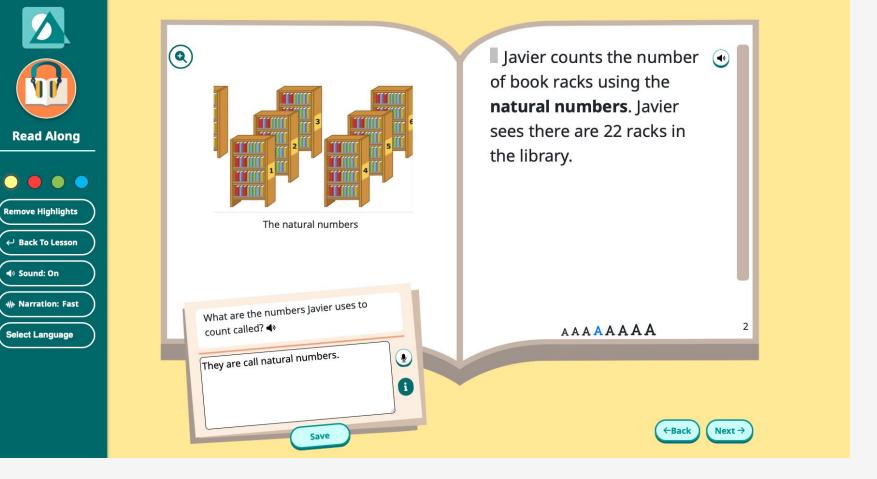
Remove Highlights

← Back To Lesson

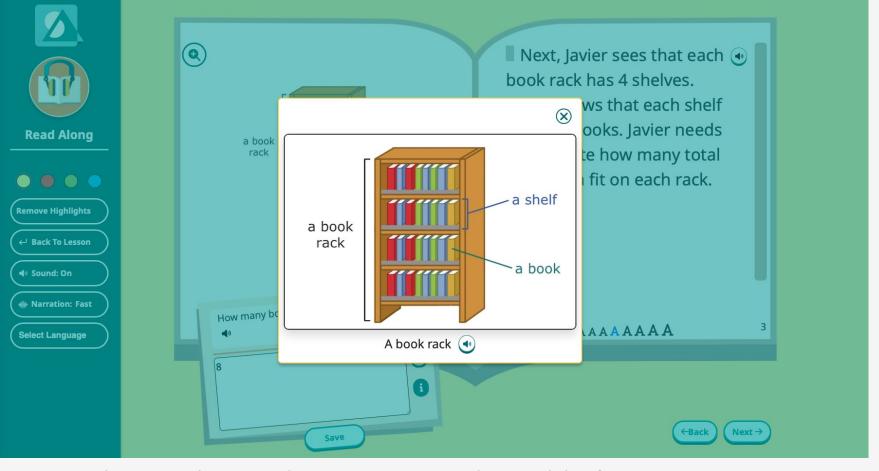
₩ Narration: Fast

Select Language

♦ Sound: On

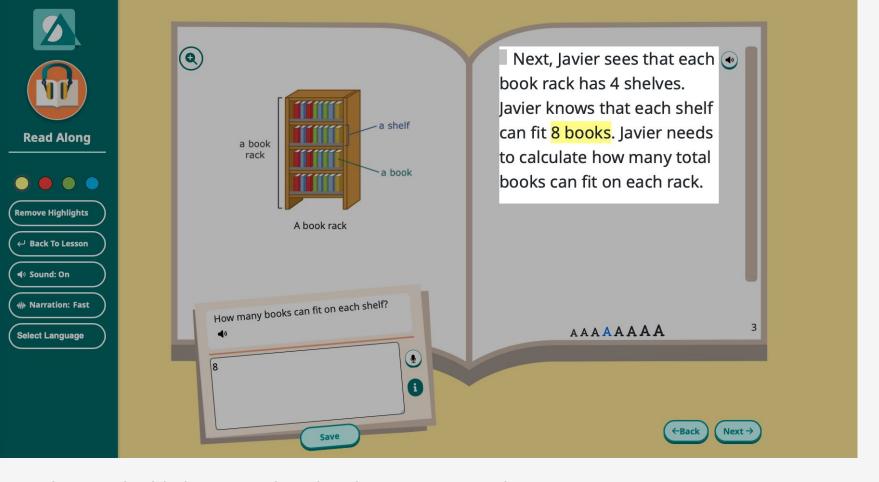


The unit vocabulary are **bolded**.

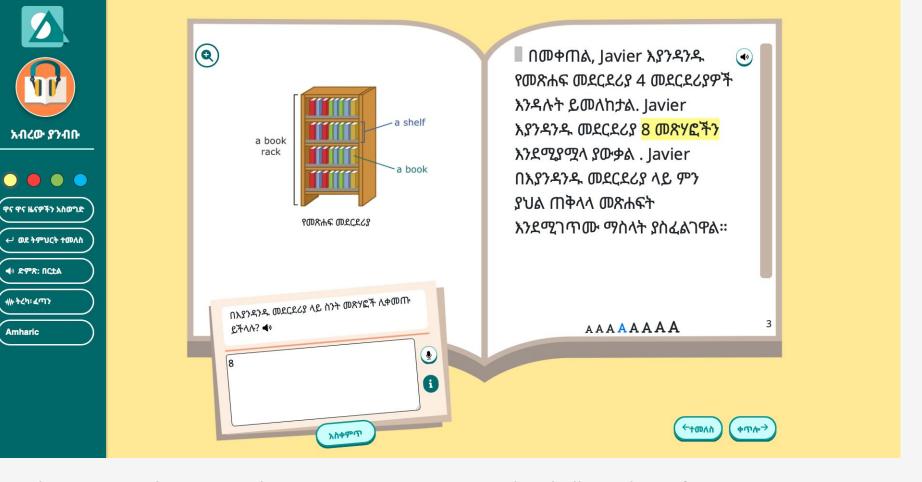




The activity has many learning supports and accessibility features. For example, students may zoom in on an image or listen to text narrated.

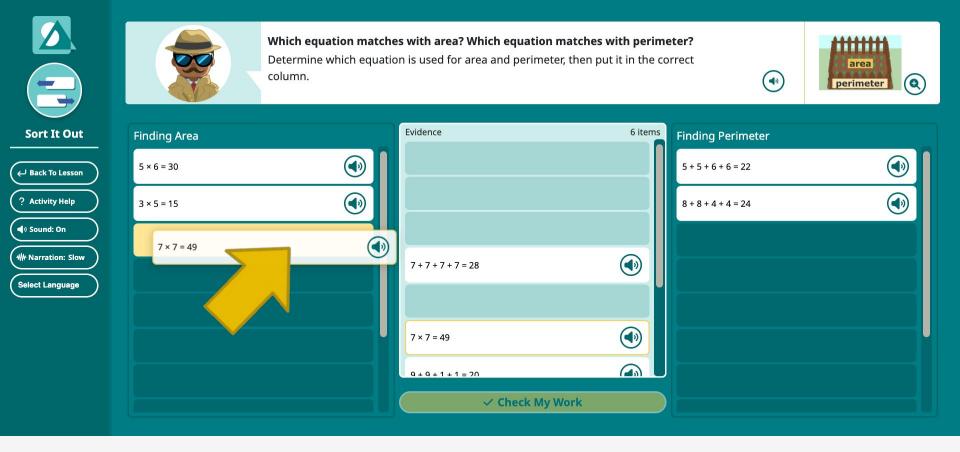


They can highlight text and/or dim the screen around text.

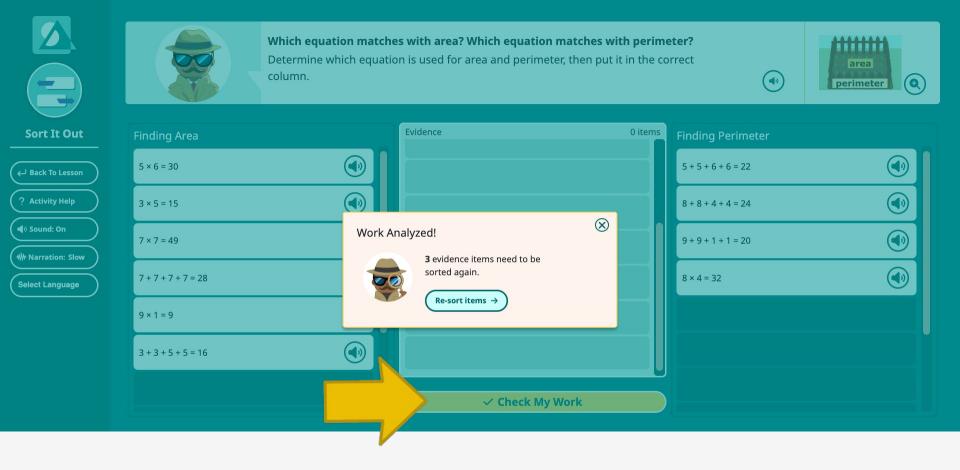


They can translate text and navigation. Or even respond verbally in place of writing.

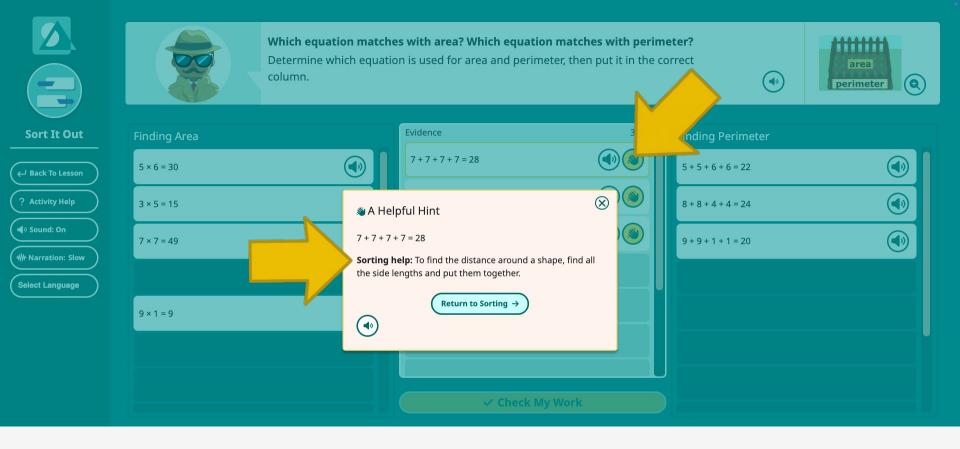
Sort It Out has students evaluate a set of facts, rules, or evidence.



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



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





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.

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. See our **Guide!**

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.



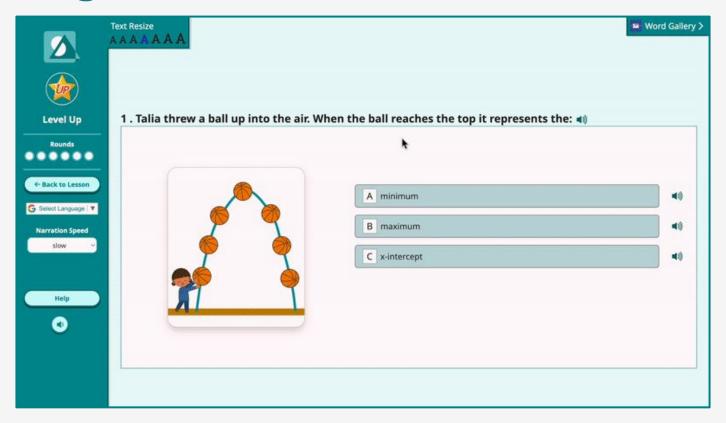
Dosage

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		



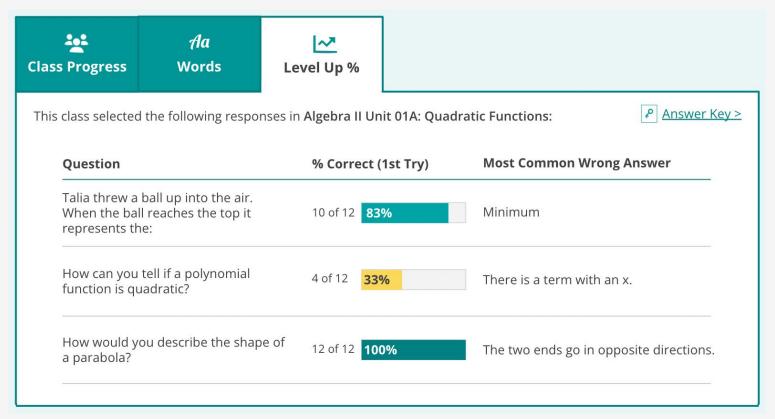
The recommended dosage is **4 hours per month**.

Knowledge Check (End of Lesson)





Teachers Can See Misconceptions





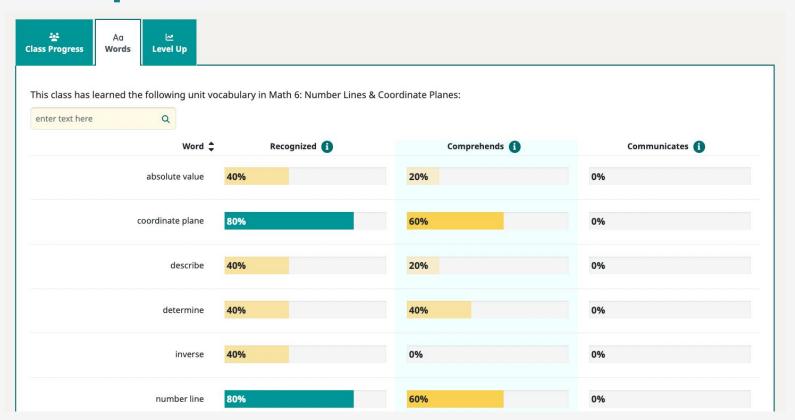
A Class Report

Lesson: Math 6: Number Lines & Coordinate Planes

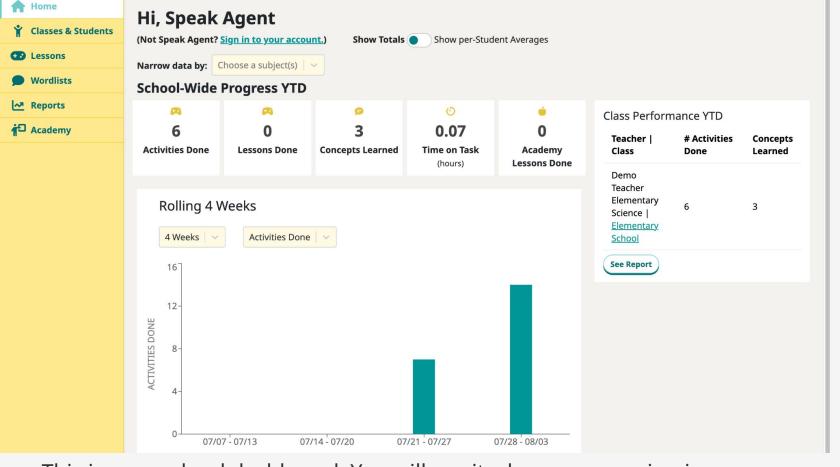
Class Pro		Aa Words	应 Level Up											
Last Name ‡	First Name 🕏	Required Activities Done	Optional Activities Done	Optional Word Gallery	Optional Diagram It!: Label	My Voice: Words	Optional Picture Pairs	Optional Scrambled Sentences	Optional Diagram It!: Label	Optional Read Along	Optional Diagram It!: Free- write / Record	Optional Read Along	Optional Matching	Level Up: Formative Assessment
Alvara do	Sofia	82%	_	9	₩ 4/4	♥ View	₩ 14/16	_	€ 6/6	✓ View	•	© View	€ 6/10	— 3/6
Garza	Xavier	45%	_	0	-	© View	₩ 16/16	_	-	-	0	-	€ 6/9	-
<u>Nguye</u> n	Trang	55%		•	⊘ ⊞ 4/4	s o. es	Scores: 1st Try: 7/16 2nd Try: 5/16	₩ 47/49	_	-		-	⊘ 6/11	₩ 4/6
Roma no	<u>Jayden</u>	0%	=	2-1 0	=	-	3rd Try: 16/16	=	=	=	-	=		_
Santos	J <u>oaqui</u> n	55%	-	0	₩ 4/4	♥ View	₩ 14/16	-	⊘ ⊞ 6/6	-	-	-	€ 6/10	— 3/6
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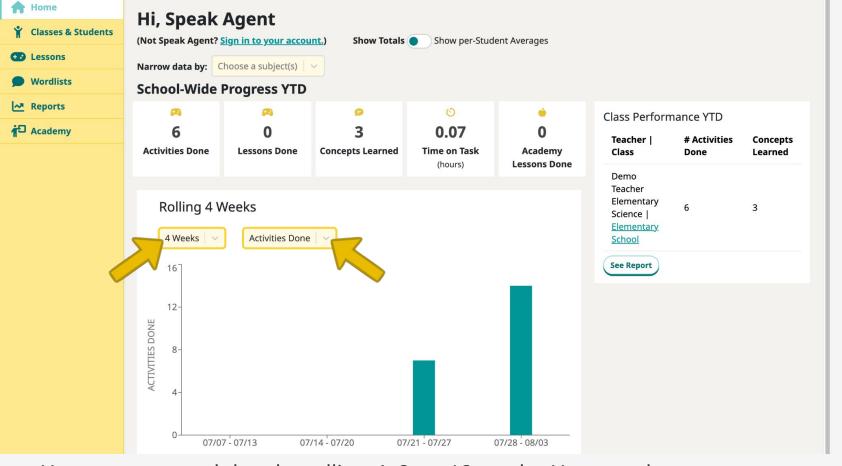
Words Report





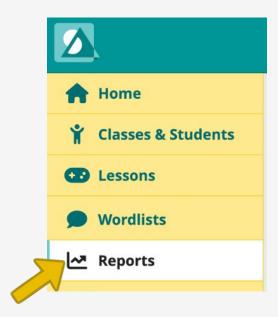


This is your school dashboard. You will see it whenever you sign in. It shows only data from the current school year.

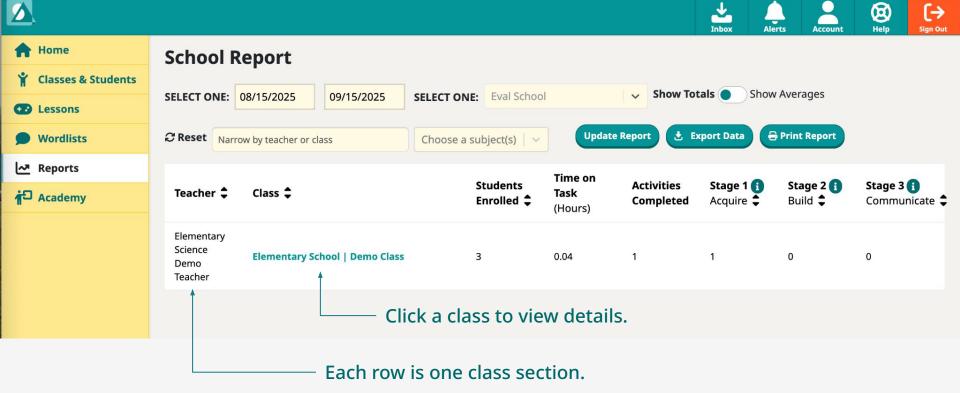


You can see trend data by rolling 4, 8, or 12 weeks. You can choose from among several data types such as Activities Done.

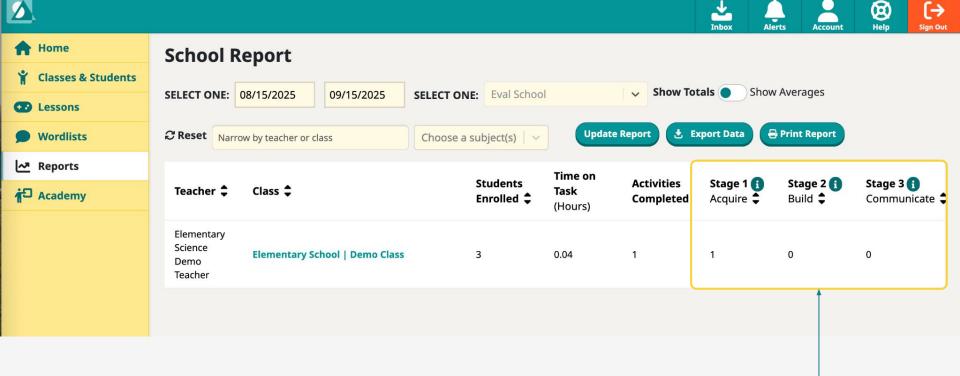
Finding Reports



Once we have you set up as a Math Leader, you will see **Reports** on the left-hand menu.



This is your school report. It shows summary data on every class section that is enrolled in Speak Agent.



The columns for Stages 1-2-3 correspond to the three layers of concept mastery in our learning model.

The Content + Language Framework

Acquire the Vocabulary	B uild 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.		



How We Support You and Your Teachers

	WHAT WE DO FOR YOU
Curriculum	Map to your curriculum and instructional guidance
Access	Daily roster sync, Single Sign-On, home & mobile access
Teacher training	Live PD, self-serve PD, 1:1 coaching, Knowledge Base, Mission Hub, Teacher's Guide, unlimited support
Outreach	School visits, leadership communications, teacher spotlights, focus groups, and feedback tools
Monitoring	Automated data collection, on-demand reports at the school, class, and individual student level
Safety	Strict privacy and security. No chat. No AI.





Thank you for participating!

and learning about Speak Agent





