Envision Mathematics

Kids See the Math. Teachers See Results.

Support for English language learners is embedded directly into daily instruction, print and digitally, throughout every lesson.

Lesson Language Objective

Each lesson suggests how students can demonstrate their understanding of the math content through language modalities.

Levels of English Language Proficiency

Support for English language learners aligns to the five levels of proficiency outlined by WIDA[™] (World-Class Instructional Design and Assessment): Entering, Emerging, Developing, Expanding, and Bridging.

Animated Glossary

An animated glossary is available on Pearson Realize[™]. Motion and sound help communicate meanings of math terms. The glossary connects Spanish math terms to the English equivalents.

Españo a.m. Tiempo entre la medianoche y el mediodia.

LANGUAGE SUPPORT

Lesson Language Objective Write equations to show how multiplication and addition are related.

ENGLISH LANGUAGE

Use with the Solve & Share.

Expanding Ask students to draw bar diagrams representing the number of jars of paint Ms. Witt and Ms. Karp each bought. How can you find who bought more jars of paint, Ms. Witt or Ms. Karp?

Visual Learning Animation Plus

Short animations for each lesson help reduce language barriers. Questions that are read aloud also appear on-screen to help English language learners connect oral and written language.

Two ELL Suggestions in Every Lesson!

Use during the Solve & Share (Step 1) and Visual Learning Bridge (Step 2) of the Instructional Model.

ENGLISH LANGUAGE LEARNERS

Use with the Visual Learning Bridge.

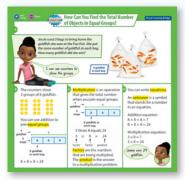
Solve & Share

Introduce concepts through a problem-solving experience. Facilitate rich classroom conversations that promote a growth mindset and result in deeper conceptual understanding.

Visual Learning Bridge

Visual models give meaning to math language and are organized into steps.







Language Support Handbook – Print and Online

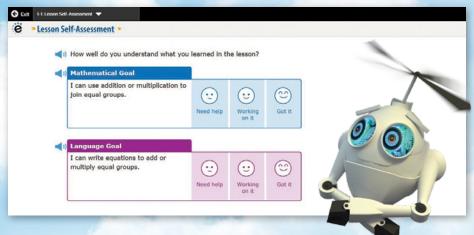
This grade-level teacher resource supports the Council of Great City Schools Key Areas of Instructional Practice¹. Promote language modalities for all students – those learning a new mathematical language, writers and readers below grade level, and English language learners.

¹Council of the Great City Schools (2016). A Framework for Re-envisioning Mathematics Instruction for English Language Learners. Washington D.C.

*Academic Vocabulary *	
accurate To be correct and without errors.	
	Online
) Matthew rounded the number to the place underlined digit.	e of the Teacher's Guide supports each
65 <u>4</u> ,772 → 654,000	Academic
Is Matthew's work accurate? Show how	you know. Vocabulary
2	activity.
Use the word in a sentence.	

Academic Vocabulary Activities Online

To support the development of academic vocabulary, online academic vocabulary activities have read-aloud functionality and ask students to engage with the meaning of the word.



Lesson Self-Assessments Online

The Lesson Self-Assessments for Grades 3-5 encourage students to reflect on their understanding of the math and language goals of that lesson.

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PearsonSchool.com/envisionMathematics 800-848-9500

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