Connecticut Mathematics Model Curricula Alignment

Resource Name: <u>REVEAL MATH GRADE 8</u>

		Alignment Grade 8		
Model Unit Name	Model Unit Standards	Resource Unit(s) Number	Resources Lessons	Pacing
This is the title of the unit in the model curricula	These are the standards addressed in the unit	This is the unit(s) that aligns with the model unit from the resource	These are the lessons from the identified units that align to the standards within the model unit	This is the expected number of days for instruction
Real Numbers	8.NS.A.1, 8.NS.A.2, 8.EE.A.1, 8.EE.A.2, 8.EE.A.3, 8.EE.A.4	Module 1: Exponents and Scientific Notation	Lesson 1-2: Multiply and Divide Monomials	24 days
			Lesson 1-3: Powers of Monomials	
		Module 2: Real Numbers	Lesson 1-4: Zero and Negative Exponents	
		Module 7 [.] Triangles and the	Lesson 1-5: Scientific Notation	
		Pythagorean Theorem	Lesson 1-6: Compute with Scientific Notation	
		Module 10: Volume		
			Lesson 2-1: Terminating and Repeating Decimals	
			Lesson 2-2: Roots	
			Lesson 2-3: Real Numbers	
			Lesson 2-4: Estimate Irrational Numbers	

			Lesson 2-5: Compare and Order Real Numbers	
			Lesson 7-3: The Pythagorean Theorem	
			Lesson 10-4: Find Missing Dimensions	
Pythagorean Theorem	8.EE.A.2, 8.G.B.6, 8.G.B.7, 8.G.B.8	Module 1: Exponents and Scientific Notation	Lesson 1-5: Scientific Notation Lesson 1-6: Compute with Scientific Notation	10 days
		Module 7: Triangles and the Pythagorean Theorem		
			Lesson 7-3: The Pythagorean Theorem	
			Lesson 7-4: Converse of the Pythagorean Theorem	
			Lesson 7-5: Distance on the Coordinate Plane	
Congruence and Similarity	8.G.A.1, 8.G.A.2, 8.G.A.3, 8.G.A.4, 8.G.A.5	Module 7: Triangles and the Pythagorean Theorem	Lesson 7-1: Angle Relationships and Parallel Lines	24 days
		Module 8: Transformations	Lesson 7-2: Angle Relationships and Triangles	
		Module 9: Congruence and Similarity	Lesson 8-1: Translations Lesson 8-2: Reflections Lesson 8-3: Rotations	

			Lesson 9-1: Congruence and Transformations Lesson 9-2: Congruence and Corresponding Parts Lesson 9-3: Similarity and Transformations Lesson 9-4: Similarity and Corresponding Parts Lesson 9-5: Indirect Measurement	
Linear Relationships	8.EE.B.7, 8.EE.B.6, 8.EE.C.7, 8.F.A.1, 8.F.A.2, 8.F.A.3, 8.F.B.4, 8.F.B.5	Module 3: Solve Equations with Variables on Each Side Module 4: Linear Relationships with Slope Module 5: Functions Module 11: Scatter Plots and Two-Way Tables	Lesson 3-1: Solve Equations with Variables on Each Side Lesson 3-2: Write and Solve Equations with Variables on Each Side Lesson 3-3: Solve Multi-Step Equations Lesson 3-4: Write and Solve Multi-Step Equations Lesson 3-5: Determine the Number of Solutions Lesson 4-3: Similar Triangles and Slope Lesson 4-4: Direct Variation Lesson 4-5: Slope-Intercept Form	28 days

			Lesson 5-1: Identify Functions Lesson 5-2: Function Tables Lesson 5-3: Construct Linear Functions Lesson 5-4: Compare Functions Lesson 5-6: Qualitative Graphs Lesson 11-3: Equations for Lines	
Systems of Linear	8 FF C 7 8 FF C 8 8 F A 2	Module 3: Solve Equations	of Fit	30 days
Relationships	8.F.B.4	with Variables on Each Side	Variables on Each Side	50 days
		Module 5: Functions	Lesson 3-2: Write and Solve Equations with Variables on Each Side	
		Module 6: Systems of Linear Equations	Lesson 3-3: Solve Multi-Step Equations Lesson 3-4: Write and Solve Multi-Step Equations	
		Module 11: Scatter Plots and Two-Way Tables	Lesson 3-5: Determine the Number of Solutions	
			Lesson 5-3: Construct Linear Functions	
			Lesson 5-4: Compare Functions	
			Lesson 6-1: Solve Systems of Equations by Graphing	

			Lesson 6-2: Determine Number of Solutions Lesson 6-3: Solve Systems of Equations by Substitution Lesson 6-4: Solve Systems of Equations by Elimination Lesson 6-5: Write and Solve Systems of Equations	
			Lesson 11-3: Equations for Lines of Fit	
Volume	8.G.C.9	Module 10: Volume	Lesson 10-1: Volume of Cylinders Lesson 10-2: Draw Lines of Fit Lesson 10-3: Equations for Lines of Fit Lesson 10-4: Two-Way Tables Lesson 10-5: Associations in Two- Way Tables	11 days
Patterns in Data	8.SP.A.1, 8.SP.A.2, 8.SP.A.3, 8.SP.A.4,	Module 11: Scatter Plots and Two-Way Tables	Lesson 11-1: Scatter Plots 3 Lesson 11-2: Draw Lines of Fit 2 Lesson 11-3: Equations for Lines of Fit Lesson 11-4: Two-Way Tables 1 Lesson 11-5: Associations in Two- Way Tables 3	11 days

Reveal Math[®] was designed based on a learning progression of mathematical content and connecting concepts across all grades and within each grade. A program scope and sequence is available in the Teacher Digital Center: Program Resources. In support of effective implementation and best practices, guiding principles of the instructional design & pedagogy, professional learning videos, and other program features can be found in the Teacher Digital Center: Program Resources.

	Scope and Sequence		
If a district uses this resource to impleme alignment and attention to the progress	ent the state model curriculum for grade 8, the follo ions of mathematics.	wing scope and sequence should	be followed to ensure
Unit Number/Title and Lessons	Lesson Objectives	# of days (assume 1 hour of instruction)	Number of weeks
Module 1: Exponents and Scientific Not	ation		1
Lesson 1-1: Powers and Exponents	Students will write and evaluate expressions involving powers and exponents.	2	2 Weeks 1 Day
Lesson 1-2: Multiply and Divide Monomials	Students will use Laws of Exponents to multiply and divide monomials.	2	
Lesson 1-3: Powers of Monomials	Students will use Laws of Exponents to find powers of monomials.	2	
Lesson 1-4: Zero and Negative Exponents	Students will simplify expressions that have zero and negative exponents.	2	
Lesson 1-5: Scientific Notation	Students will write numbers in scientific notation.	2	
Lesson 1-6: Compute with Scientific Notation	Students will compute with numbers written in scientific notation.	1	
Module 2: Real Numbers	1	1	1
Lesson 2-1: Terminating and Repeating Decimals	Students will convert rational numbers between decimal and fraction forms.	2	2 Weeks

Lesson 2-2: Roots	Students will find square and cube roots.	2	
Lesson 2-3: Real Numbers	Students will identify and describe sets of numbers in the real number system.	2	
Lesson 2-4: Estimate Irrational Numbers	Students will estimate irrational numbers.	2	
Lesson 2-5: Compare and Order Real Numbers	Students will compare and order numbers in the real number system.	2	
Module 3: Solve Equations with Variabl	es on Each Side		
Lesson 3-1: Solve Equations with Variables on Each Side	Students will solve equations with variables on each side.	2	2 Weeks
Lesson 3-2: Write and Solve Equations with Variables on Each Side	Students will write and solve equations with variables on each side.	2	
Lesson 3-3: Solve Multi-Step Equations	Students will solve multi-step equations with variables on each side.	2	
Lesson 3-4: Write and Solve Multi-Step Equations	Students will write and solve multi-step equations with variables on each side.	2	
Lesson 3-5: Determine the Number of Solutions	Students will determine the number of solutions to an equation.	2	
Module 4: Linear Relationships and Slop	be		
Lesson 4-1: Proportional Relationships and Slope	Students will graph and compare proportional relationships, interpreting the unit rate as the slope of the line.	2	2 Weeks 3 Days
Lesson 4-2: Slope of a Line	Students will find the slope of a line from a graph, table, and using the formula.	3	
Lesson 4-3: Similar Triangles and Slope	Students will relate the slope of a line to similar triangles.	1	

Lesson 4-4: Direct Variation	Students will derive the equation y = mx from graphs, tables, and verbal descriptions of proportional relationships.	2	
Lesson 4-5: Slope-Intercept Form	Students will write linear equations to represent relationships in the form y = mx + b.	3	
Lesson 4-6: Graph Linear Equations	Students will graph lines in slope-intercept form, vertical lines, and horizontal lines.	2	
Module 5: Functions	•	·	
Lesson 5-1: Identify Functions	Students will identify functions from mapping diagrams, tables, and graphs.	2	2 Weeks 2 Days
Lesson 5-2: Function Tables	Students will create function tables and graph functions.	2	
Lesson 5-3: Construct Linear Functions	Students will construct functions from graphs, tables, and verbal descriptions.	2	
Lesson 5-4: Compare Functions	Students will compare functions represented in different forms.	2	
Lesson 5-5: Nonlinear Functions	Students will identify nonlinear functions using tables, graphs, and equations.	2	
Lesson 5-6: Qualitative Graphs	Students will analyze and sketch qualitative graphs.	2	
Module 6: Systems of Linear Equations		·	
Lesson 6-1: Solve Systems of Equations by Graphing	Students will solve systems of linear equations by graphing.	3	2 Weeks 4 Days
Lesson 6-2: Determine Number of Solutions	Students will determine the number of solutions of a system of linear equations by analyzing the equations.	3	
Lesson 6-3: Solve Systems of Equations by Substitution	Students will solve systems of linear equations by using substitution.	3	

Lesson 6-4: Solve Systems of Equations	Students will solve systems of linear equations	3	
by Elimination	by using elimination.		
Lesson 6-5: Write and Solve Systems of	Students will write and solve systems of linear	2	
Equations	equations.		
Module 7: Triangles and the Pythagorea	in Theorem		
Lesson 7-1: Angle Relationships and	Students will examine relationships of angles	3	2 Weeks 2 Days
Parallel Lines	formed by parallel lines cut by a transversal.		
Lesson 7-2: Angle Relationships and	Students will examine relationships among the	2	
Triangles	angles in a triangle.		
Lesson 7-3: The Pythagorean Theorem	Students will solve problems using the	3	
	Pythagorean Theorem.		
Lesson 7-4: Converse of the	Students will solve problems using the converse	2	-
Pythagorean Theorem	of the Pythagorean Theorem.		
Lesson 7-5: Distance on the Coordinate	Students will find the distance between two	2	-
Plane	points on the coordinate plane using the		
	Pythagorean Theorem.		
Module 8: Transformations			
Lesson 8-1: Translations	Students will translate figures and describe	3	2 Weeks 1 Day
	translations on the coordinate plane.		
Lesson 8-2: Reflections	Students will reflect figures and describe	2	
	reflections on the coordinate plane.		
Lesson 8-3: Rotations	Students will rotate figures and describe	3	-
	rotations on the coordinate plane.		
Lesson 8-4: Dilations	Students will dilate figures and describe	3	
	dilations on the coordinate plane.		
Module 9: Congruence and Similarity	1	1	1
Lesson 9-1: Congruence and	Students will use a sequence of transformations	2	2 Weeks 1 Day
Transformations	to describe congruency between figures.		

Lesson 9-2: Congruence and	Students will write congruence statements and	2	
Corresponding Parts	find missing measures for congruent figures.		
Lesson 9-3: Similarity and	Students will use a sequence of transformations	2	
Transformations	to describe similarity between figures.		
Lesson 9-4: Similarity and	Students will write similarity statements and	3	
Corresponding Parts	find missing measures for similar figures.		
Lesson 9-5: Indirect Measurement	Students will solve problems involving similar	2	
	triangles.		
Module 10: Volume	•	·	
Lesson 10-1: Volume of Cylinders	Students will find the volume of cylinders.	3	2 Weeks 2 Days
Lesson 10-2: Volume of Cones	Students will find the volume of cones.	3	
Lesson 10-3: Volume of Spheres	Students will find the volume of spheres and	2	
	hemispheres.		
Lesson 10-4: Find Missing Dimensions	Students will use volume formulas to find	2	
	missing dimensions in cylinders, cones, and		
	spheres.		
Lesson 10-5: Volume of Composite	Students will find the volume of composite	2	
Solids	solids.		
Module 11: Scatter Plots and Two-Way	Tables	I	
Lesson 11-1: Scatter Plots	Students will construct and interpret scatter	3	2 Weeks 1 Day
	plots.		
Lesson 11-2: Draw Lines of Fit	Students will informally draw lines that fit a set	2	
	of data and use them to make conjectures.		
Lesson 11-3: Equations for Lines of Fit	Students will write the equations for lines that	2	
	fit a set of data and use them to make		
	conjectures.		
Lesson 11-4: Two-Way Tables	Students will construct two-way tables and find	1	
	and interpret their relative frequencies.		

Lesson 11-5: Associations in Two-Way	Students will determine if an association exists	3	
Tables	between categories in two-way tables.		

Supports of Diversity, Equity and Inclusion

Please provide any information relative to supporting culturally responsive instruction, multi-language learners, and students with disabilities

Culturally Responsive Instruction | Reveal Math

Drawing from research, McGraw Hill understands there are a number of factors that support classroom equity and echo the tenets of culturally responsive practices: high academic expectations for all students; a socially and emotionally positive classroom; a safe school climate; authentic and rigorous tasks; inclusive, relevant, and meaningful content; open and accepting communication; drawing from students' strengths, knowledge, culture, and competence; critically and socially aware inquiry practices; and strong teaching and teacher professional support for equity and inclusion.

McGraw Hill is committed to publishing pedagogically sound, high-quality, instructional materials that are fair, unbiased, and that recognize the unique contributions of people of all races and cultures. *Reveal Math* prides itself on exceeding the requirements for equal opportunity and representation in its program. We believe that all children should be able to see themselves as doers of mathematics and that means showing students from a range of genders, ethnicities, cultural backgrounds, and with different disabilities. McGraw Hill is also committed to producing materials that are free from cultural, ethnic or gender bias. Utmost care was taken to ensure an antiracist, anti-biased, nonsexist, and nonstereotyping presentation in the production of this resource.

The program displays males and females from various ethnic backgrounds in all types of environments, avoiding stereotypes. It provides every student with access and opportunities to learn. Throughout *Reveal Math*, all types of students are portrayed in all types of environments, so students of all backgrounds will be able to relate to the text.

The focus on Social Emotional Learning also provides multiple opportunities for students and teachers to recognize and value differences between home cultures of students and the classroom. Each lesson has an SEL focus in the Math in Mindset that is seen as part of the Be Curious Moment and reflection at the end of the lesson. These were designed using the CASEL Core Competencies in SEL.

Reveal Math grades 6-12 displays males and females from various ethnic backgrounds in all types of environments, avoiding stereotypes. It provides every student with access and opportunities to learn. Throughout *Reveal Math*, all types of students are portrayed in all types of environments, so students of all backgrounds will be able to relate to the text.

Each module open with an **Ignite! Activity** designed to spark all students' interest and curiosity. The Ignite activity is one example of an activity that provides students with opportunities to discuss individual interests and experiences. Lesson images and word problems portray a variety of demographics and cultural background. Mindset Matters tips provide students with opportunities to understand beliefs and how those beliefs impact student behavior and learning. The Multilingual eGlossary provides mathematics vocabulary translated into 13 common world languages.

Cultural Connections

Module activities highlight various cultural contributions to mathematics and require students to use a source to do additional research on the culture or topic.



Prime numbers are counting numbers greater than 1 that have no divisors other than 1 and themselves. It is thought that the ancient Egyptians had some knowledge of the prime numbers. However, the earliest surviving records of the study of prime numbers come from the ancient Greeks In about 300 BCE. Mathematics have found that you may be able to use functions like $f(k) = k^2 - 79k + 1601$, where k = 1, 2, 3, ..., to find prime numbers.



To provide students with diverse perspectives, **Math History Minutes** highlight multicultural, global mathematics influencers, past and present, and describe how they impacted the world with their work and how different cultures provided a variety of contributions to the work.





Prime Composite

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Math History Minute

Mathematician and astronomer Muhammad al-Khwarizmi (around 780-850) wrote the first known text in elementary algebra. The word algebra is derived from the word al-iabr. part of the title of this text. It means reunion of broken parts in Arabic. His texts were influential in bringing algebraic knowledge to Europe and were the first Arabic mathematics texts translated into Latin.

Additionally, the Language Development Handbook, Teacher Edition, includes Multicultural Teacher Tips throughout the handbook.

Please refer to the following link for further information on Equity and Cultural Responsiveness in *Reveal Math* 6-12:

NA Reveal Math 6-12 Equity and Cultural Responsiveness Password: RevealCulturalResponsiveness

Multi-language learners and students with disabilities

Reveal Math addresses the needs for all students and a variety of tiered instructional resources are provided for remediation or enrichment. Each lesson includes a list of suggested **Differentiated** resources that is based on assessment data from the **Checks** after each **Example**. Remediation resources (**Review** resources) target prerequisite skill knowledge. Leveled **Questions for Mathematical Discourse** are also included for every Example in the Teacher Edition. The supplemental materials differ in K-5 and 6-12 based on the different nature of these classrooms and age appropriateness for students.

Reveal Math 6-12

Resources range from Remediation (**Review** resources) that target prerequisite skill knowledge to Enrichment (**Extension** resources) that extend student knowledge on the lesson topic. Each module has a readiness diagnostic and based on that, the teacher can use the embedded resources to support students in their classroom.

- The **Review Learn** and the **Review Example** are available to support students in acquiring pre-requisite skills.
- The Take Another Look Mini Lessons support students in remediation for the current topics under review.
- The Personal Tutors are available to support student understanding
- Online **Extension** activities are included for many lessons. In these activities, students extend their understanding of mathematical topics related to the lesson.
- The Teacher Edition includes **Enrichment Activity** suggestions at point-of-use for students who would benefit from a challenge or opportunity to extend their learning based on the checks in the lesson.
- In the Teacher Edition, **Questions for Mathematical Discourse** are included for each example to promote high expectations, critical thinking skills, and class discussion. On-level (OL) questions and beyond-level (BL) questions are appropriate for all students to answer, while approaching-level (AL) questions are included if students need more scaffolded support.
- The differentiated practice and assessment gives the teacher opportunities to support individual student needs.
- The Quick Review Handbook is included and targeted at point of use.
- A digital **Multilingual eGlossary** is provided that contains mathematics terms translated into 13 languages.

The Teacher Edition and the online resources support teacher guidance on which supports to use at the module and lesson levels.

1 CONCEPTUAL UNDERSTANDING	2 FLUENCY 3 APPLICATION		
Learn Write One-Ster	o Equations		
bjective tudents will learn how to model a n	eal-world problem with a one-step	Leture Write One-Step Equations New est-add studios con be represented with equations. Conder the following publics. The highest records discrepance billions in the control in the "Control Table Table Content them to	
lation.		d y's lowest record ed temps stars. What is the lowest record ed temps share? The steps showhow to model the problem with an equation to	
eaching Notes		e present this real-world situation. Weaks Describe the mathematics of the problem.	
Students will learn that they can more equations. Have them select each fla	del many real-world situations with ashcard to view the steps for writing	The high set recorded temperature is 150° greater than the lowest recorded temperature. Variable	
an equation to represent a real-work modeling a real-world problem with	d problem. An important part of an equation is to define the variable.	Define the validate to represent the unitso win gu antity. Lat trapresent the lowest recorded temperature.	
Remind students that the letter x is u out any letter can be used. In real-w	used often as a variable in algebra, orld situations, the first letter of	Transfate the word s into an algebraic equation. 103 = 103 + 2 Chemisma austribula and a musclibula its researce with the second seco	
he unknown quantity that the variat or example, t is often used to repre	ite is representing is often used. sent temperature. Ask students if	e quation is called defining a variable.	
problem presented in the Learn. San $18 - t = 158$ and $t = 118 + 158$.	nple responses can include	Parase and Reflect Dd ysusiaugde with any of he concepts in his Leam? How do you feel when you stuagde with math concepts? While steps can you take to understand the concepts?	
		See students' dus envelores.	
		Interactive Presentation	×
DIFFERENTIATE		Interactive Presentation	×
DIFFERENTIATE Enrichment Activity EL To further students' understanding	of the importance of defining a	Interactive Presentation	×
DIFFERENTIATE Enrichment Activity Dis To str her students understanding variable, romind fleem that the equi between the quantifies in the prob between the quantifies in the prob the variable represents, then it can	of the importance of defining a ation describes the relationship lem. If it is not clearly stated what be difficult to interpret the solution	Interactive Presentation	×
DIFFERENTIATE Enrichment Activity [3]. To further students' understanding variable, remind fleem that the equ between the quantifies in the prob the variable represents, them it can in the context of the problem. Have the following activity.	of the importance of defining a ation describes the relationship lem. If it is not clearly stated what be difficult to interpret the solution a students work in pairs to complete	Interactive Presentation	×
DIFFERENTIATE Enrichment Activity [1]: To further students' understanding variable, romind them that the equi- between the quantifies in the profit the variable represents, them it can in the context of the problem. Have the following activity. 1. Write a real-world problem that solve R.	of the importance of defining a ation describes the relationship lem. If it is not clearly stated what be difficult to interpret the solution students work in pairs to complete involves one operation in order to	Interactive Presentation	2 6d- 50.
DIFFERENTIATE Enrichment Activity [31]. To fur free students' understanding variable, remind free mit table seg- between the quantities in the problem. Have the knowing activity. 1. Write a real-world problem that solve II. 2. Model the problem with an equi	of the importance of defining a ation describes the relationship lem. If it is not clearly stated what be difficult to interpret the solution students work in pairs to complete involves one operation in order to ation, but do not clearly state what	Interactive Presentation	× ed-

Course 2 Teacher Edition, pg. 285. The Differentiate feature includes a Beyond-Level (BL) Enrichment Activity.

The **Extension** activities can be assigned to students who finish early or who need an extra challenge. These activities can be assigned to individual students, pairs of students, or a small group.

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1 CONCEPTUAL UNDERSTANDING 2 FLUENCY 3 APPLICATION		
 Example 1 Find Unit Rates Students will find a unit rate in which one of the given quantities is a fraction. Teaching the Mathematical Practices Peaching the Mathematical Practices Reason Abstractly and Quantitatively As students discuss the Talk About III question, encourage them to use reasoning to determine that Tia can paint more than 36 square feet per hour, because she can paint 36 square feet in less than an hour. Y Look For and Make Use of Structure. In Method 4, encourage students to understand that the structure of a complex fraction means that the numerator, the denominator, or both must be fractions. 	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Nick About B) 46 prior and 16 prior and 1
Ouestions for Mathematical Discourse Image: State of the	$\label{eq:second} \begin{aligned} & \text{Methad} \ 2 \ $	AT About 14 Inthentical in to equin is conpark then 25 equire or hour is an To con 36 equire is the too 16 patients 16 patien
to paint one square root	Interactive Presentation	
EXCLUSE ALL Mere on the double number line is the ratio 36 : $\frac{3}{4}$ represented? Both number lines begin at 0. The quantities 36 and $\frac{3}{4}$ are located the same distance from their respective 0s. CL How does this double number line compare to the double bar diagram from Method 1? Both models show the ratio 36 : $\frac{2}{3}$ by showing the quantities 36 and $\frac{3}{4}$ as the same location on each bar	Menter 1 in a no degree Manager 1 in a no degree State state and and the state and t	
diagram.	Example 1, Find Unit Rates, Silde 2 of 5	
144 square feet (continued on next page)	DRAG & DROP On Slide 2, students drag the quantities to kibel the bar diagram.	
	CLICK On Silde 3, students more through the steps to see how a double number line can be used to solve the problem. CHECK Students complete the Oheck exercise online to determine if they are work to	
	move on.	

Course 2 Teacher Edition, pg. 5

A core instructional belief of McGraw Hill's *Reveal Math* K-12 is that the learning of mathematics requires a focus on language and the language of mathematics. To support students' development of the language of mathematics, the program includes rich support for language development, for both native and non-native speakers of English.

Each lesson features a language objective in addition to a content and SEL (social and emotional learning) objective to highlight the importance of language development in the program. In addition, these features provide support and scaffolds for building students' mathematical language proficiency:

- Language of Math (LOM) strategies and features focus on mathematical and academic terms that students need to understand to be successful.
- Math Language Development support at the unit level offer support and strategies that teachers can use to help students build proficiency with language skills.
- Math Language Routines (MLR) found in each lesson are specifically designed to help English language learners build fluency with math language. These routines were developed by a team of educators and researchers at Stanford Graduate School of Education.
- English Language Learner Supports also found in each lesson provide scaffolded support at three levels of proficiency: Entering/Emerging, Developing/Expanding, and Bridging/Reaching. These three levels align to the WIDA levels: Entering, Beginning, Developing, Expanding, Bridging, and Reaching.

The Teacher Edition also has specific pedagogical suggestions for teachers based on the WIDA levels. These are included both at the Unit/Module and Lesson Levels.

There are robust Spanish resources for *Reveal Math.* There is a Spanish translation of the Student Edition and other resources. The Student Edition includes support for all students in vocabulary development, notetaking, and writing skills using word cards, vocabulary squares, three-column charts, definition maps, concept webs, and other graphic organizers, along with English/Spanish cognates in Dinah Zike's Visual Kinesthetic Vocabulary[®].

As mentioned above, a course-level digital and print **Glossary** is provided with words translated into English and Spanish. For grades 6-12, a digital **Multilingual eGlossary** is provided that contains mathematics terms translated into 13 languages. Also, online are Math Replay Videos that provide additional support and review opportunities for concepts presented in the text.