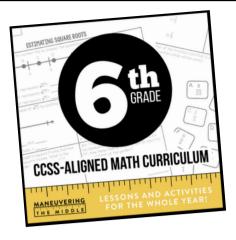


available for grades 6 - 8 + Algebra 1

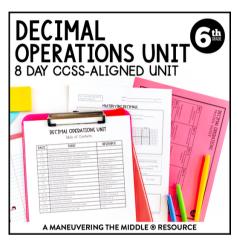
A MANEUVERING THE MIDDLE® MEMBERSHIP

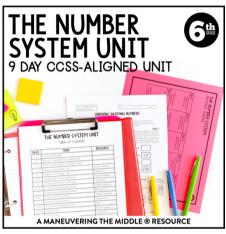


Sixth grade standards broken down into units that focus on scaffolded guided notes, hands-on classroom activities with unit overviews to support planning.



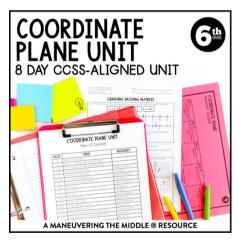


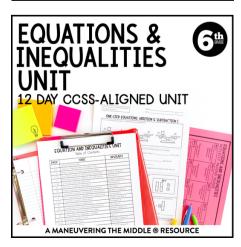


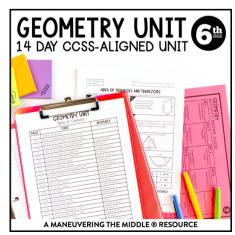


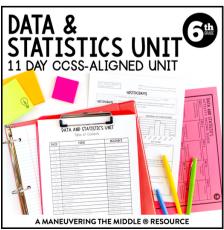


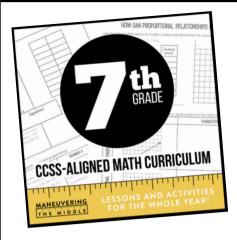




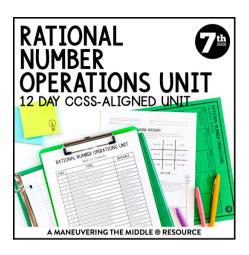




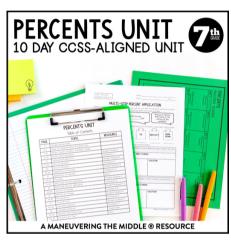


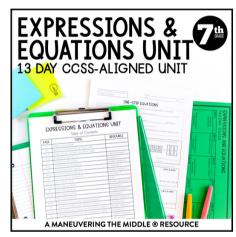


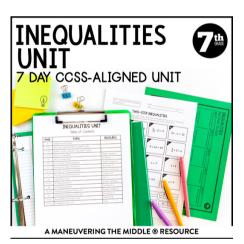
Seventh grade
standards broken down
into units that focus on
scaffolded guided
notes, hands-on
classroom activities
with unit overviews to
support planning.

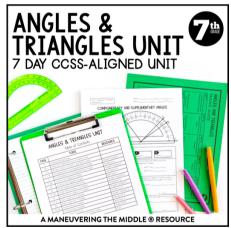


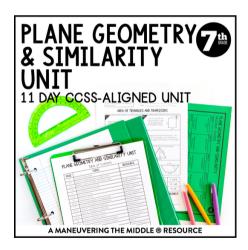


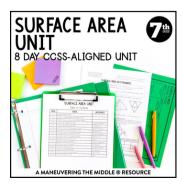


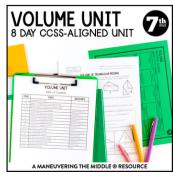




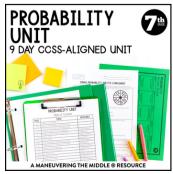


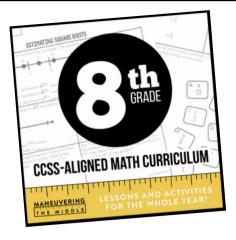




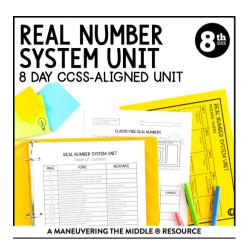


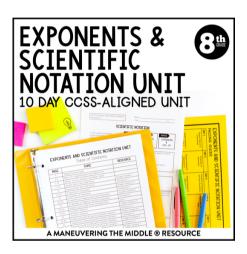




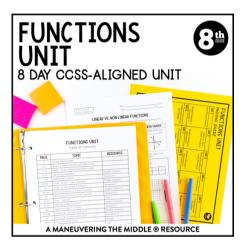


Eighth grade standards broken down into units that focus on scaffolded guided notes, hands-on classroom activities with unit overviews to support planning.

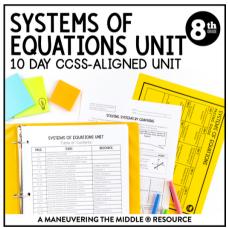


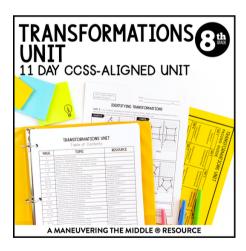




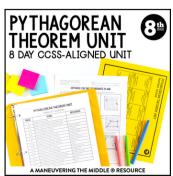


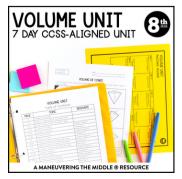




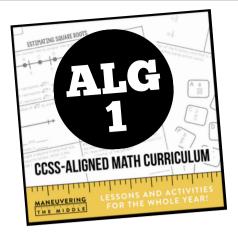




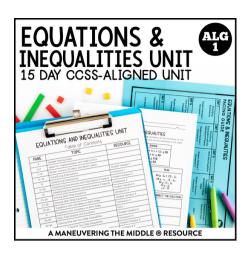


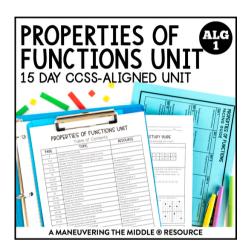






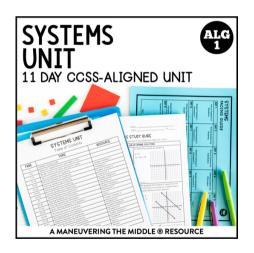
Algebra 1 standards broken down into units that focus on scaffolded guided notes, hands-on classroom activities with unit overviews to support planning.

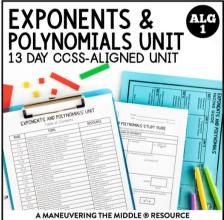


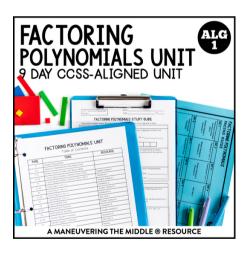


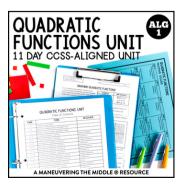


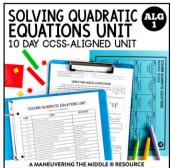


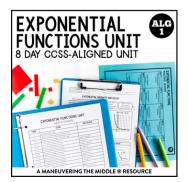


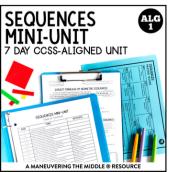












data and statistics unit coming spring 2022

unit overviews and planning guides

[standards, big ideas, essential questions, vertical alignment, vocabulary, common misconceptions]

COODDINATE PLANE



STANDARDS

6.NS.6 Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

6.NS.6a Recognize opposite signs of numbers as indicating locations on opposite sides of the number line; recognize that the opposite of the opposite of a number is the number itself.

6.NS.6b Understand signs of numbers in ordered pairs as indicating locations in quadrants of the coordinate plane, and recognize that when two ordered pairs differ only by signs, the locations of the points are related by reflections across one or both axes.

6.NS.6c Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

6.NS.8 Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.

BIG IDEAS

- · The coordinate plane is an intersection of two number lines.
- · The coordinate plane is used to measure distance and location of points.

big ideas for teachers to focus on and communicate to students

ESSENTIAL QUESTIONS

- · How does a reflection across the x-axis impact the ordered pair? Across the y-axis?
- · What pattern do you notice about the various quadrants?
- · How would a point with the ordered pair (-0.5, 2.5) be plotted on the coordinate plane?

essential questions to provide a framework for learning

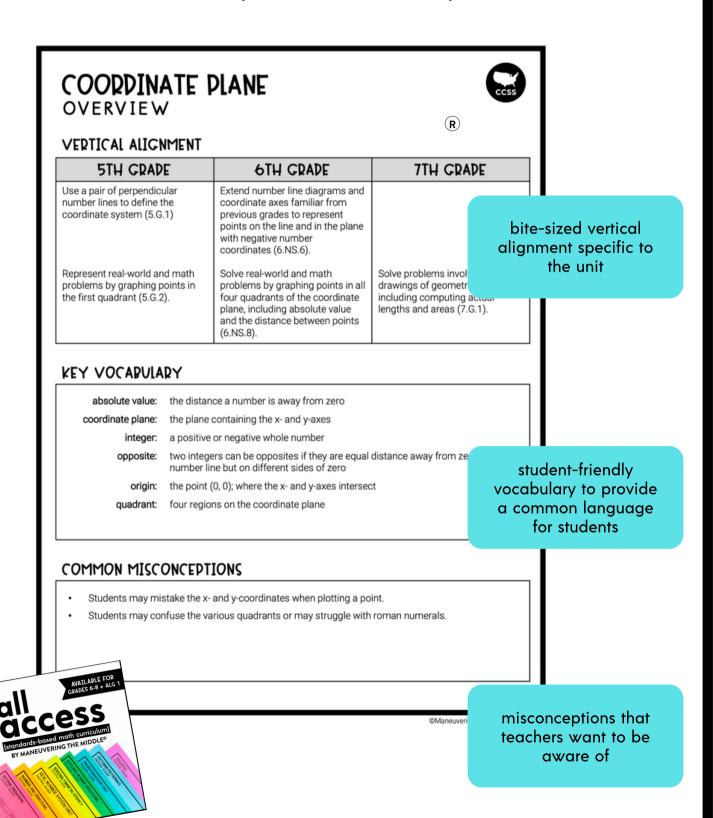
@Maneuvering the Middle LLC, 2017

perfect for team planning and providing background knowledge for teachers new to the content area



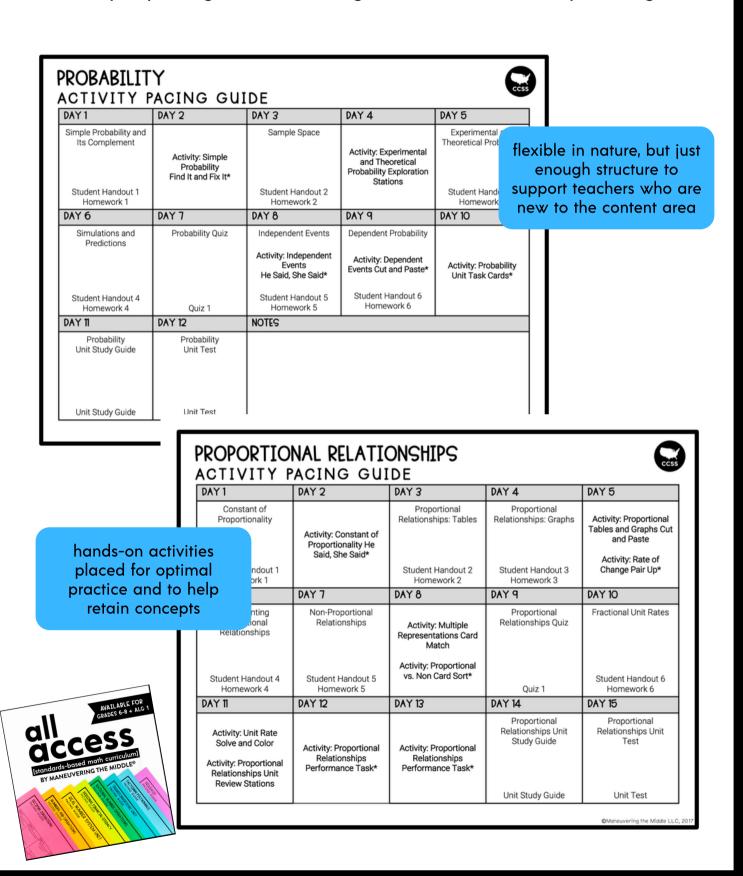
unit overviews and planning guides

[standards, big ideas, essential questions, vertical alignment, vocabulary, common misconceptions]



pacing calendars

[sample pacing calendars to give a foundation for planning]



student handouts

[scaffolded and student-friendly guided notes to support instruction and real-life application of the concepts]

ROI	ATIONS ON THE COORDINATE PLANE			
ROTATIONS	A rotation a figure around a fixed point called the center of For our examples, the center of rotation will be the, and we'll rotate in increments of			
DIRECTIONS AND DEGREES	 Figures can be rotated	key vocabulary and key concepts are highlighted for		
	r of quadrants the figure was rotated to describe the degrees cee and counterclockwise.			
clockwise	2. 3. Clockwise clockwise			
countercloc				
a. ABC was rotated orcounterclo				
	d. Write an algebraic rule for the rotation.			
AVAILABLE FOR GRADES 6-8 + ALG 1	©Maneuvering scaffolded to s			

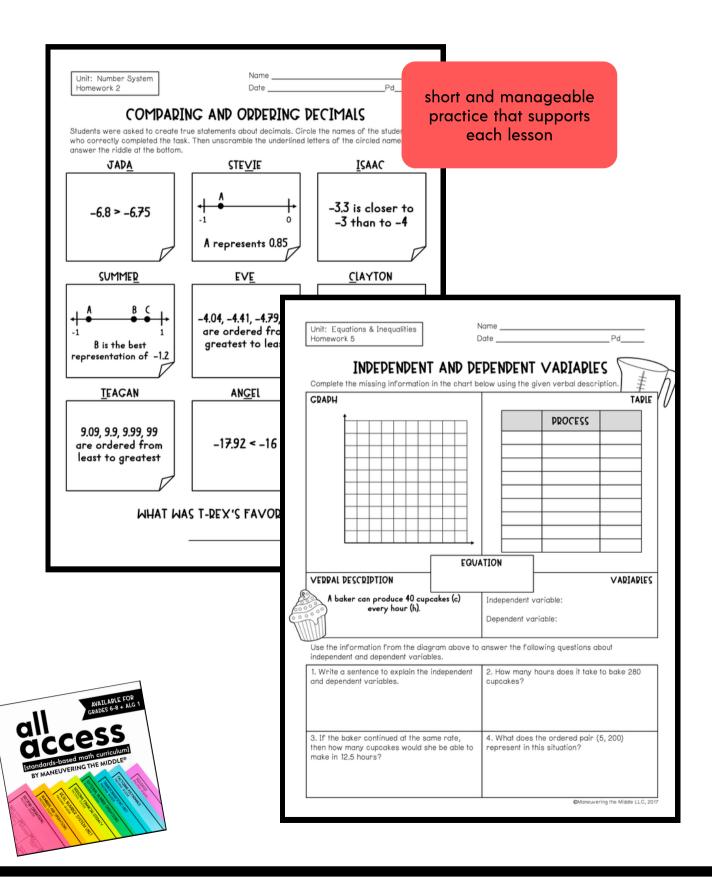
student handouts

[scaffolded and student-friendly guided notes to support instruction and real-life application of the concepts]

1. Scale factor = $\frac{2}{5}$	2. Scale factor	= 3.5		3. Scale fa	$ctor = \frac{5}{3}$		_			
35 inches	10	cm		30 ft		concep	ts are	connec	ted	
15 inches	22 cm			₽			so stud	lents o	l situation are able learnin	to
Dimensions:	Dimensions:			Dimensions	s:	_				
In 4-5, find the scale factor	that was used to cre	ate ead	h dilation.							
4. H G 12 cm I G 2	H' OCA 15 cm	5.		Y nsformation andout 6		0700			F	Pd
Scale factor	:				SCALE FA	wizard ca	imp where they	took a clas	ss on spells and	
6. The squares shown below bathroom remodel, where to was $\frac{4}{7}$. Explain why the scal	le A was dilated to the		potion's so	cale factor	four potions in a Note the effect en, answer a-e.				w" or "shrink"	100
and give the correct scale factor.			POTIC	ON #1	POTION #2		POTION #3		POTION #4	
		E	INITIAL HEIGHT	60 in	INITIAL HEIGHT	30 in	INITIAL HEIGHT	75 in	INITIAL HEIGHT	15 in
7. Jess is designing a custo feet and a length of 5 feet.		The glo of	SCALE FACTOR	1/2	SCALE FACTOR	2.5	SCALE FACTOR	0.2	SCALE FACTOR	8 3
exceed 12 feet. Circle any o dimensions and meet the cu		align*	NEW HEIGHT	30 in	NEW HEIGHT	75 in	NEW HEIGHT	15 in	NEW HEIGHT	40 ir
		Г		nala fanton	de Usseld s	ow2	h W/b!-b	le factors r	made Harold sh	nrink?
A SF: 1.2	F: 0.8 SF		a. Which s	cale racion	s made Harold gr	OW:	b. which sca			
	F: 0.8 SF	_	c. What do	you notice	about the different in a and b?		000000000000000000000000000000000000000		appen if somed otor of 1.	ne dra
SF: 1.2	F: 0.8 SF	-	c. What do the scale f	you notice actors liste	about the differ	ence in	d. Predict wh a potion with	a scale fac	otor of 1.	
SF: 1.2	F: 0.8 SF	-	c. What do the scale f	you notice actors liste	about the differd in a and b?	ence in	d. Predict wh a potion with	a scale fac	otor of 1.	
SF: 1.2	F: 0.8 SF		c. What do the scale f e. Set up a you notice' #1:	you notice actors liste nd simplify ?	about the differ d in a and b? a ratio of the ne	ence in w height o	d. Predict what a potion with a potion with wer the initial has a second with the second with	a scale fac	ach potion. Wh #4:and dilations be	nat do
SF: 1.2 Summarize today's lesson: AVAILABLE FOR CRADES 6-8 + ALG 1 CESS SCHOOL	F: 0.8 SF		c. What do the scale f e. Set up a you notice' #1:	you notice actors liste and simplify and simplify	about the difference of the new the complete Scale factor in the scale for the scale factor in the scale	w height o	d. Predict what a potion with a potion with were the initial has a second of the control of the	a scale factor of correspond image e-image than one, it	#4:and dilations be ing sides in a f	olow.
SF: 1.2 S	F: 0.8 SF		c. What do the scale f e. Set up a you notice' #1: Use your f	you notice actors liste and simplify and simplify	about the difference of the new the complete Scale factor if the scale for the scale	the inform	d. Predict what a potion with a potion with wer the initial has a second of the content of the content or prediction about second	a scale factor of the correspond image e-image than one, it	#4:and dilations be will enlarge a full reduce a full control oror	olow.

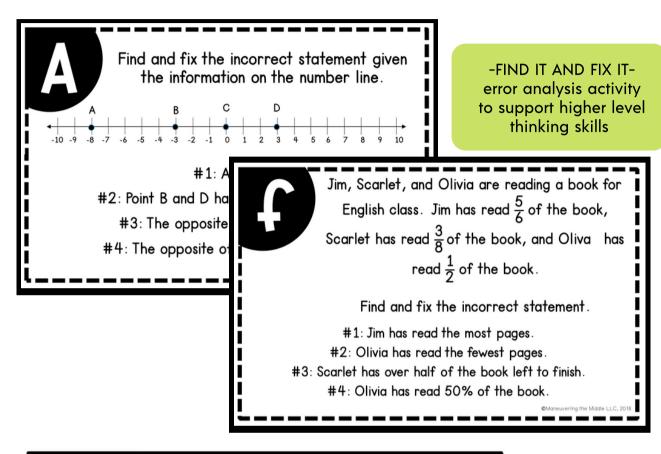
independent practice

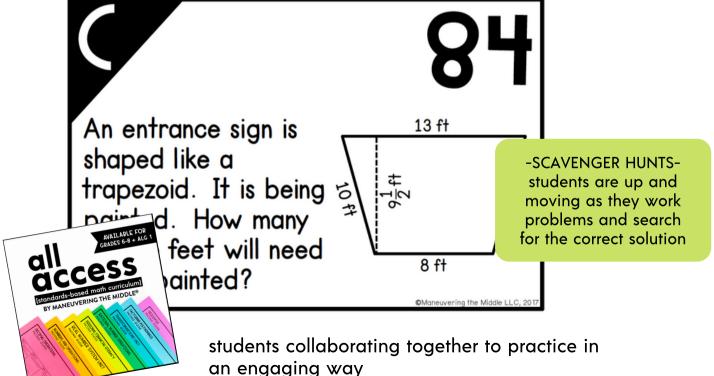
[aligned homework to support each lesson]



classroom activities

[hands-on, engaging activities to support different grouping structures and levels of thinking]





classroom activities

[hands-on, engaging activities to support different grouping structures and levels of thinking]

CARd I:

A carnival sold 450 tickets on Saturday. The ticket sales showed that 126 of the ticket sales were adult tickets. What percent of the tickets sold on Saturday were adult tickets?

Albert says that 28% of the tickets were adult tickets.

-"HE SAID, SHE SAID"students analyze a question and compare two different possible responses

CARd 6:

show?

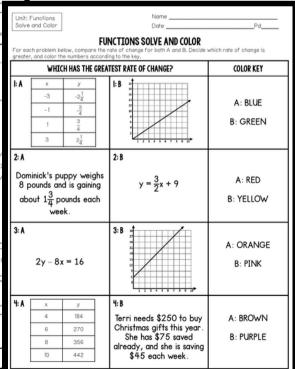
Jerome and his brother stayed at the carnival from 4 PM to 8 PM. They spent 90 minutes watching the magic show. What percent of the evening did they spend at the magic Finn says that they spent 37.5% of their time watching the show.

Flora says that they spent $33.\overline{3}$ % of their time watching the show.

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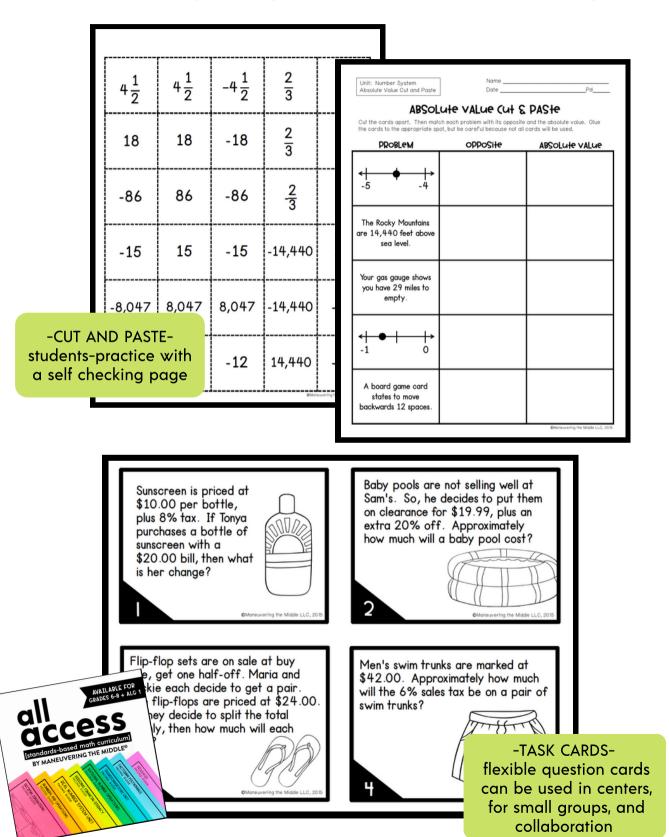
-SOLVE AND COLORspice up basic practice with a coloring page





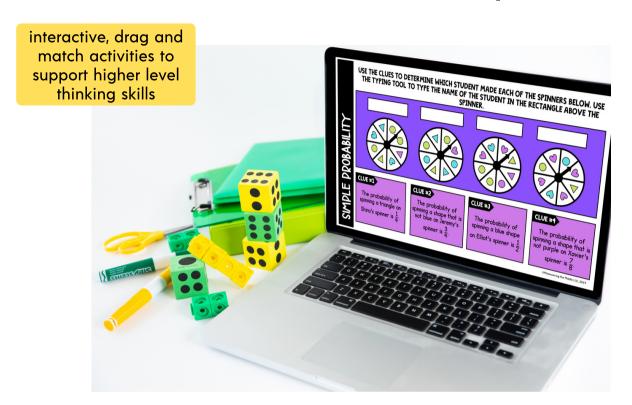
classroom activities

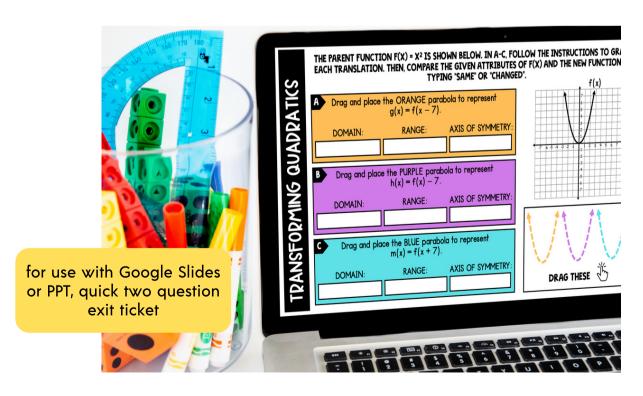
[hands-on, engaging activities to support different grouping structures and levels of thinking]



supplemental digital activities

[interactive engaging practice that can be used with Google Slides or Microsoft PowerPoint]

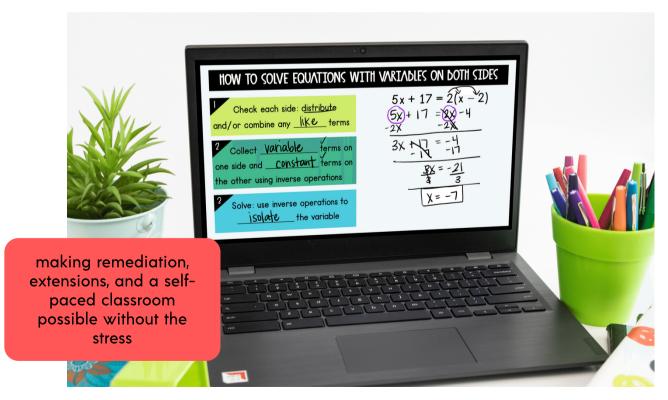




student video library

[coming September 2021]

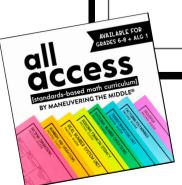




unit review and assessments

[aligned and standards-based unit assessments]

Unit: Data & Statistics DATA & STATISTICS UNIT TEST Solve the problems below. Be sure to show your thinking. 1. A grocery store polls every twentieth 2. At the zoo, the length of each iguana is customer to determine if they are satisfied with measured. Which statement is best supported by the cleanliness of the store. Forty customers the information below? are surveyed, and 26 are satisfied. What **IGUANA LENGTH** conclusion can be drawn for the 800 daily customers? both multiple choice A. 65% of the customers are unsatisfied with and open-ended the cleanliness of the store. questions are included B. Of the 800 customers, 520 would be satisfied A. Over half of the iguanas measure 14 with the cleanliness of the store. centimeters or more in length. C. 40% of the customers are satisfied with the B. 25% of the iguanas measure 12 centimeters cleanliness of the store. D. 25% of the customers are not satisfied with C. The number of iguanas that measure 15 the cleanliness of the store. centimeters or more is equal to the number that measure 11 centimeters or less. rigorous questions that 40 students from each grade level were surveyed regarding their preference help prepare students Use the table below to answer questions 3-4. for state assessments Z00 MUSEUM SPORTS COMPLEX 7TH GRADE 12 18 10 8TH GRADE 3. If there are 220 members of the 7th grade 4. If there are 180 members of the 8th grade class, then how many students can be expected class, then what percent preferred either the to prefer the zoo? museum or the sports complex? A. 39 A. 65% B. 48 B. 47.5% C. 120 C. 17.5% D. 66 D. 26%



aligned assessment both in print and digital (Google Forms) to minimize grading and maximize the ability to disaggregate data

editable assessment version allows for modifications

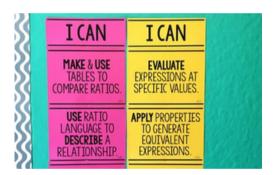
+ more!

Additionally, these resources are also included as part of MTM All Access:



warm-ups

Spiraled bell ringers for an entire year



"i can" statements

Student friendly language to describe the standards



self-grading assessments

Tests and quizzes in Google Forms



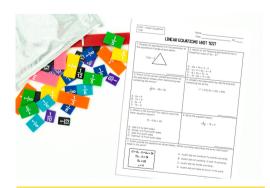
back to school activities

Start the school year by reviewing important math skills



test prep unit

Prepare for state testing with mini lessons, quick checks, & activities



year end assessments

Review, assess or practice testtaking skills with your students

all access

[standards-based math curriculum]

BY MANEUVERING THE MIDDLE

INDIVIDUAL TEACHER LICENSE

CONTENT IS LICENSED TO YOU AS LONG AS YOU ARE AN ACTIVE MEMBER

- 10 units organized by standards
- 100+ scaffolded guided notes for students
- 60+ hands-on activities to support collaborative practice
- 40+ supplemental digital activities + exit tickets
- daily spiral review bell-ringers
- complete test prep review unit
- year-end assessments
- unique teacher login
- Mess student video library (videos begin rolling out in September 2021)

CHOOSE A SINGLE GRADE LEVEL
- OR CHOOSE ALL GRADES (6TH-ALG 1)

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SCHOOL-BASED LICENSE

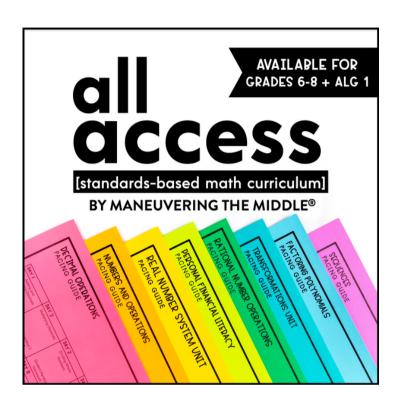
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PRICING BASED ON THE NUMBER
OF TEACHERS USING EACH GRADE
LEVEL OF CONTENT

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