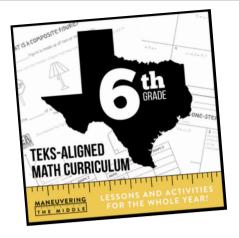
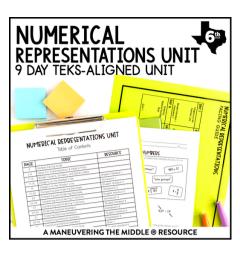


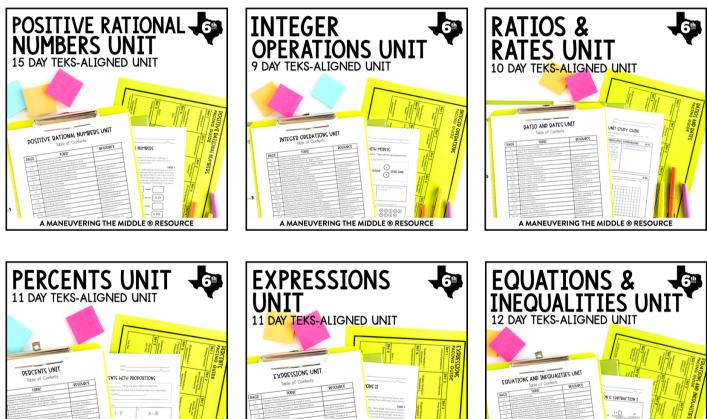
available for grades 6 - 8 + Algebra 1

A MANEUVERING THE MIDDLE® MEMBERSHIP

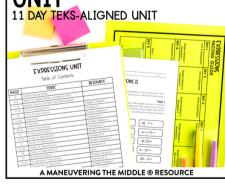


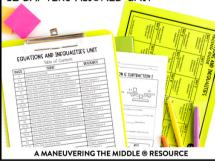
Sixth grade standards broken down into units that focus on scaffolded guided notes, hands-on classroom activities with unit overviews to support planning.

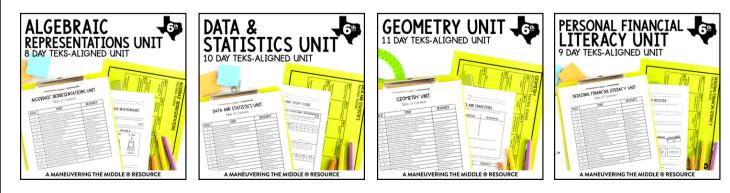




N = port rotate 92 A MANEUVERING THE MIDDLE ® RESOURCE













unit overviews and planning guides

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

READINESS	SUPPORTING	
 6.7A Generate equivalent numerical expressions using order of operations, including whole number exponents, and prime factorization. 6.7D Generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties. 	 6.7B Distinguish between expressions an equations verbally, numerically, and algeb 6.7C Determine if two expressions are equsing concrete models, pictorial models, a algebraic representations. 	raically. uivalent
 PIC IDEAS Expressions are mathematical statements. Expressions can be translated into different forms. Expressions are used in real life to represent a procession of the statement of the stat		big ideas for teache to focus on and communicate to students
 ESSENTIAL QUESTIONS What process can you use to simplify an expressio Why do properties of operations exist? Why is there a process for simplifying an expression 		
NATLAPLE FOR CRADES 6-8 + ALC 1		essential questions t provide a framewor for learning

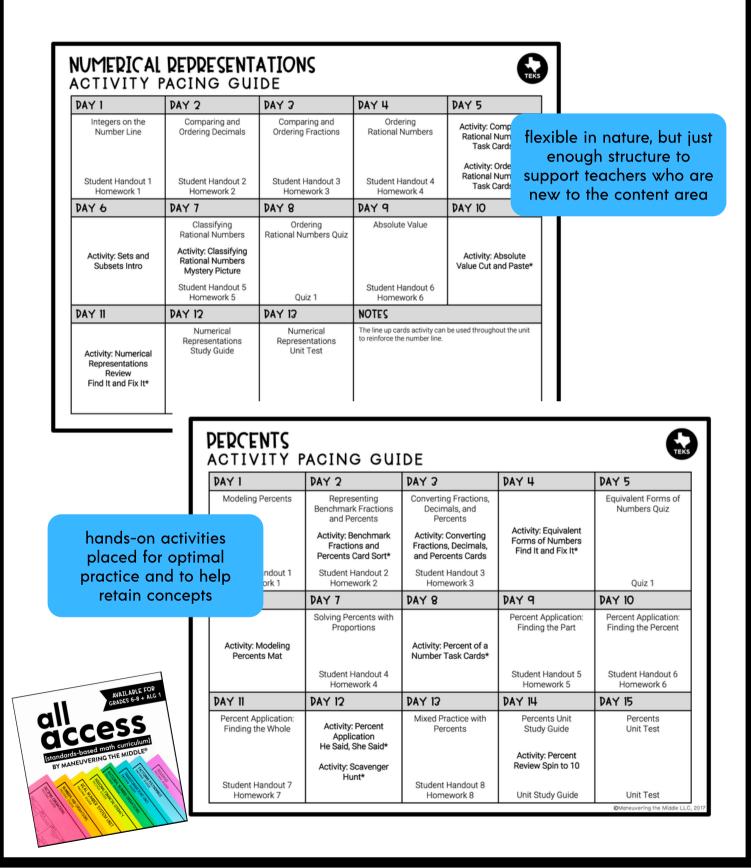
unit overviews and planning guides

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

Simplify numerical expression that do not involve exponents including up to two levels of grouping (5.4F). Represent and solve multi-ste problems using equations wit letter standing for the unknow quantity (5.4B).	s, using order of operations including whole number exponents, and prime factorization (6.7A). Distinguish between expressions and equations verbally, numerically, and algebraically (6.7B). Determine if two expressions are equivalent (6.7C).		alignm	ized vertical ent specific to the unit
problems using equations with letter standing for the unknown	th a and equations verbally, numerically, and algebraically (6.7B). Determine if two expressions are equivalent (6.7C).			the unit
	equivalent (6.7C).			
	Concrete equivelent everencione			
	Generate equivalent expressions using the properties of operations (6.7D).			
commutative property: nun	mbers can be added or multiplied by moving mbers can be added or multiplied in any ord whole number that can be divided by number	er		ent-friendly lary to provide
	nber with factors other than 1 and itself ms within an expression can be expanded to	o form an equivalent ex	a comr	non language
equivalent: equ	lei		tor	r students
evaluate: to s	substitute a number for each variable and th	en perform the operations		
expression: a m	nathematical phrase with numbers, variables	s, and operators		
reci	sum of a number and its opposite is 0; the piprocal is 1			
	sum of a number and 0 is the number; the p	product of a number and 0	is 0	
	umber with factors of only 1 and itself	l of ito primo footoro		
•	process of breaking down a number into all	for its prime factors		
prime factorization: the		mpler form		
prime factorization: the simplify: to d	determine an equal expression that is in a sin unknown quantity represented by a letter	mpler form		

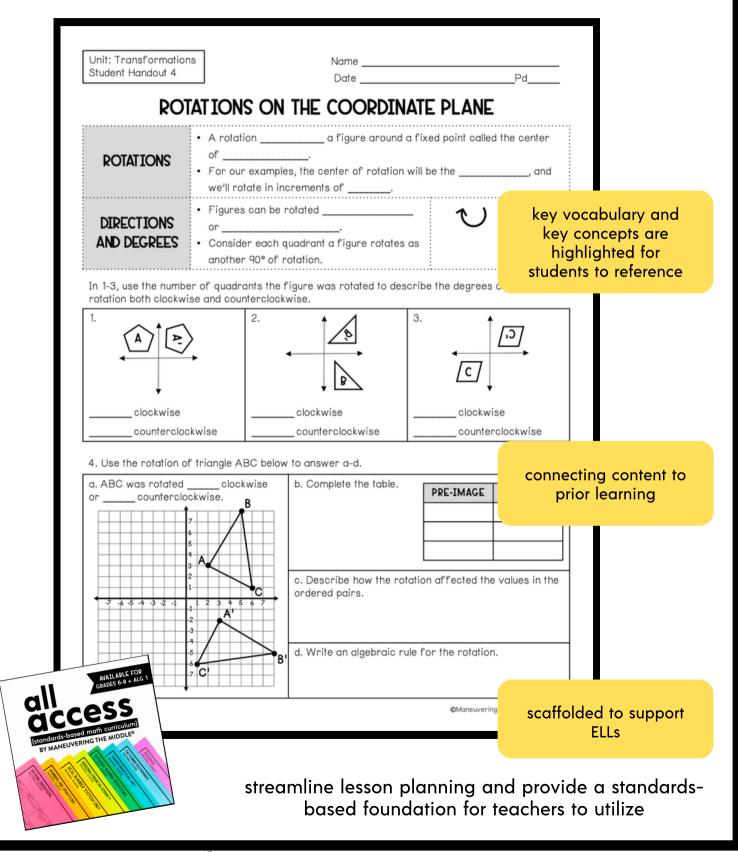
pacing calendars

[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]



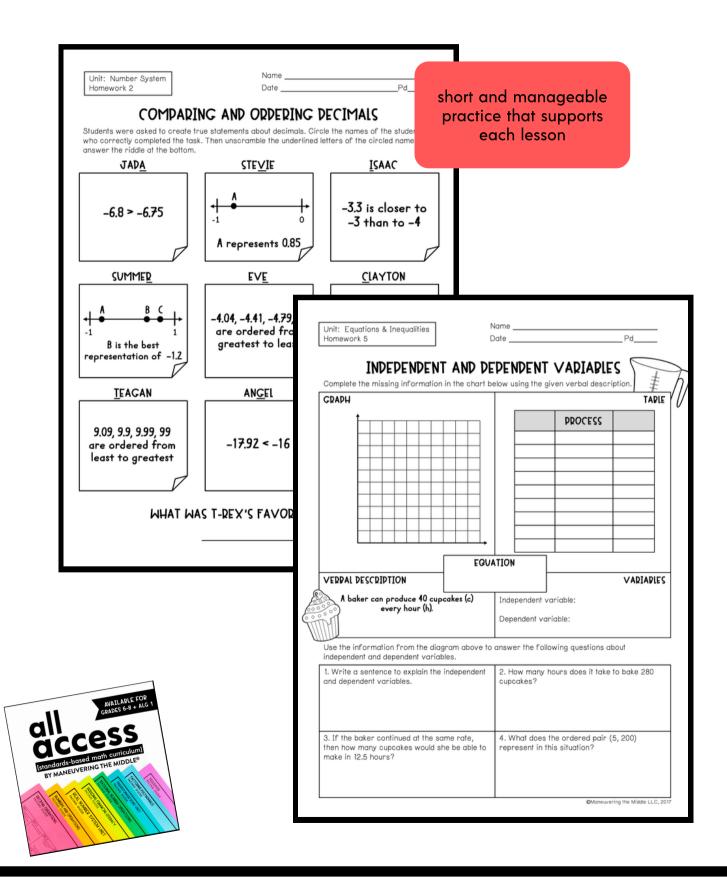
student handouts

[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 fact	or $=\frac{5}{2}$					
35 inches	10 cm			30 ft			to are		+-
	E	1	45					connec situatio	
5 inches	22 ci		в						
42		1 1						are able	
						appi	y meir	learnin	g
Dimensions:	Dimensions:		Dimensions:						
In 4-5, find the scale factor	that was used to create e	each dilation.							
4. H	H' 5.	X 18 cm	Y						
\$ ∧°°°	5 10								
	e/ \%	Unit: Tra	nsformations			Name			
	15 cm I'	Student H	landout 6			Date		F	Pd_
						AND DIL		2	
Scale factor:		Hano				amp where they			d
6. The squares shown below	w represent a dilation	potions. H	arold drank f	our potions in	a row that	caused him to potion had by	grow or shr	rink based on t	
bathroom remodel, where the was $\frac{4}{7}$. Explain why the scale				, answer a-e.	mar each	ponon ndd by	writing grot	W OI SHITTK	
and give the correct scale f		POTIO	ON #1	POTION	N #2	POTIO	N #3	POTIO	N #
		INITIAL HEIGHT	60 in	INITIAL HEIGHT	30 in	INITIAL HEIGHT	75 in	INITIAL HEIGHT	
7. Jess is designing a custor	m rug for a client. The	HEIGHT SCALE FACTOR	1 2	SCALE FACTOR	2.5	SCALE FACTOR	0.2	SCALE FACTOR	
	The client wants the r	4		1001		NEW	15 10	NEW	t
	of the scale factors th	° NE₩	30 in	NEW	75 in	UETOUT	15 in		
exceed 12 feet. Circle any o		• NEW • HEIGHT	30 in	HEIGHT	75 in	HEIGHT	15 In	HEIGHT	
feet and a length of 5 feet. exceed 12 feet. Circle any o dimensions and meet the cus		HEIGHT						nade Harold st	
exceed 12 feet. Circle any o dimensions and meet the cu:	istomer's requests.	HEIGHT		HEIGHT					
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf	estomer's requests.	a. Which s	cale factors	HEIGHT made Harold g	prow?	b. Which sco d. Predict wh	le factors n	nade Harold sh	nrir
exceed 12 feet. Circle any o dimensions and meet the cu:	estomer's requests.	a. Which s	cale factors	HEIGHT made Harold g	prow?	b. Which sco	le factors n	nade Harold sh	nrin
A SF: 1.2 SF: 5	estomer's requests.	a. Which s c. What do the scale f	cale factors you notice a actors listed	HEIGHT made Harold g bout the differ in a and b?	prow?	b. Which sco d. Predict wh a potion with	le factors n hat would ha a scale fac	nade Harold st uppen if somec tor of 1.	nrir
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf	estomer's requests.	a. Which s c. What do the scale f	cale factors you notice a actors listed	HEIGHT made Harold g bout the differ in a and b?	prow?	b. Which sco d. Predict wh	le factors n hat would ha a scale fac	nade Harold st uppen if somec tor of 1.	nrin
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf	estomer's requests.	a. Which s c. What do the scale f	cale factors you notice a actors listed	HEIGHT made Harold g bout the differ in a and b?	prow?	b. Which sco d. Predict wh a potion with	le factors n hat would ha a scale fac	nade Harold st uppen if somec tor of 1.	nrir
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice' # 1:	cale factors you notice a actors listed nd simplify a ?	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2:	rence in ew height o	b. Which sca d. Predict wh a potion with over the initial h #3:	le factors n hat would ha a scale fac	nade Harold st oppen if somector for of 1. ach potion. Wh #4:	nrir
exceed 12 feet. Circle any o dimensions and meet the cu: A SF: 1.2 Sf Summarize today's lesson:	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice' # 1:	cale factors you notice a actors listed nd simplify a ?	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete	rence in ew height d	b. Which sca d. Predict wh a potion with over the initial h #3:	le factors n nat would ha a scale fac neight for ea	nade Harold st oppen if someo- tor of 1. ach potion. Wh #4: nd dilations be	nnir one nat
exceed 12 feet. Circle any o dimensions and meet the cu: A SF: 1.2 Sf Summarize today's lesson:	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice? # 1: Use your f	cale factors you notice a actors listed nd simplify a ? indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete	rence in ew height o the inform	b. Which sca d. Predict wh a potion with over the initial h #3: nation about sc	ale factors n nat would ha a scale fac neight for ec ale factor a	nade Harold st oppen if someo- tor of 1. ach potion. Wh #4: nd dilations be	nnin one hat
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice' # 1:	cale factors you notice a actors listed nd simplify a ? indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete Scale factor	rence in ew height o	b. Which sca d. Predict wh a potion with over the initial h #3: mation about sc of the o of the o of the o	ale factors n nat would ha a scale fac neight for ec ale factor a correspondi image re-image	nade Harold st appen if someo- tor of 1. ach potion. Wh #4: nd dilations be ng sides in a f	nnir one nat
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf Summarize today's lesson:	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice? # 1: Use your f	cale factors you notice a actors listed nd simplify a ? indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete Scale factor If the scale f	rence in ew height o the inform is a	b. Which sca d. Predict wh a potion with over the initial h #3: mation about sc of the of the 	ale factors n nat would ha a scale fac neight for ec ale factor a correspondi image re-image than one, it	nade Harold st appen if someo tor of 1. ach potion. Wh #4: nd dilations be ing sides in a f will enlarge a	nnir nat blov
A SF: 1.2 Summarize today's lesson:	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice? # 1: Use your f	cale factors you notice a actors listed nd simplify a ? indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete Scale factor If the scale f	row? rence in ew height o the inform is a actor is	b. Which sca d. Predict wh a potion with over the initial h #3: mation about sc of the o new original or pr	ale factors n a scale fac neight for ea ale factor a correspondi image re-image than one, it	nade Harold st appen if someo tor of 1. ach potion. Wh #4: nd dilations be ing sides in a f will enlarge a	hat higu
exceed 12 feel. Circle any o dimensions and meet the cu: A SF: 1.2 Sf Summarize today's lesson:	estomer's requests.	a. Which s c. What do the scale f e. Set up a you notice? # 1: Use your f	cale factors you notice a actors listed nd simplify a ? indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete Scale factor If the scale f If the scale f A dilation is c	row? rence in aw height o the inform is a actor is atransform	b. Which sca d. Predict wh a potion with over the initial h #3: mation about sc of the of the 	le factors n nat would ha a scale fac neight for ea ale factor a correspondi image re-image than one, it than one, it	nade Harold st appen if someo- tor of 1. ach potion. Wh #4: ind dilations be ing sides in a f will enlarge a f will reduce a f or	hat higu
A SF: 1.2 Summarize today's lesson:	Istomer's requests.	a. Which s c. What do the scale f e. Set up a you notice? #1: Use your f	indings abov	HEIGHT made Harold g bout the differ in a and b? ratio of the ne #2: e the complete Scale factor If the scale f If the scale f A dilation is c	rence in ew height of the inform is a actor is actor is transform n original f	b. Which sca d. Predict wh a potion with over the initial h #3: mation about sc of the original or pr mation that eith	le factors n nat would ha a scale fac neight for ec ale factor a correspondi image re-image than one, it than one, it er n scale fact	nade Harold st appen if someo- tor of 1. ach potion. Wh #4: Ind dilations be ing sides in a f will enlarge a will reduce a f or tor.	nrin nat lov

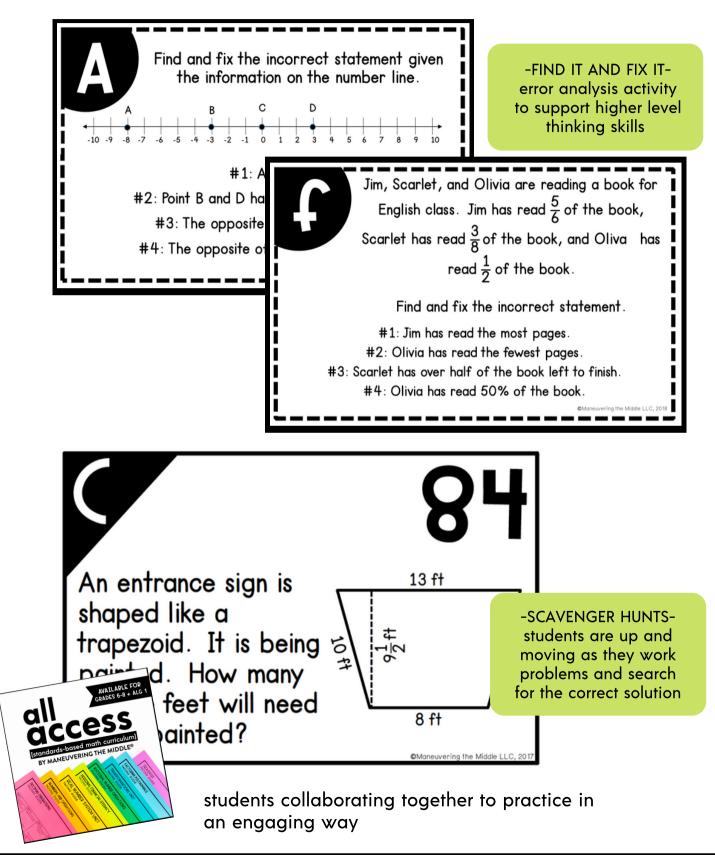
independent practice

[aligned homework to support each lesson]



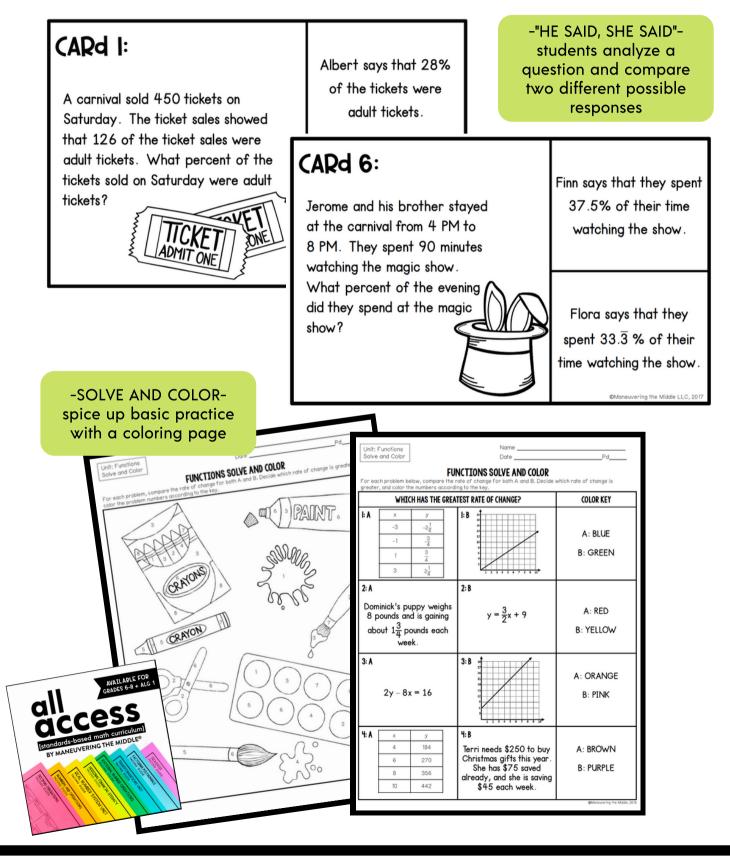
classroom activities

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



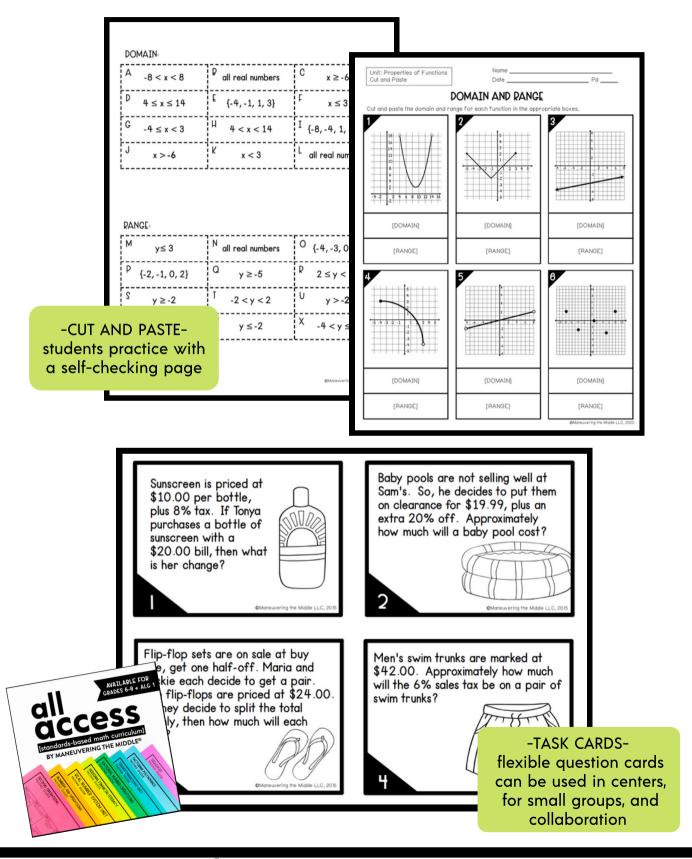
classroom activities

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



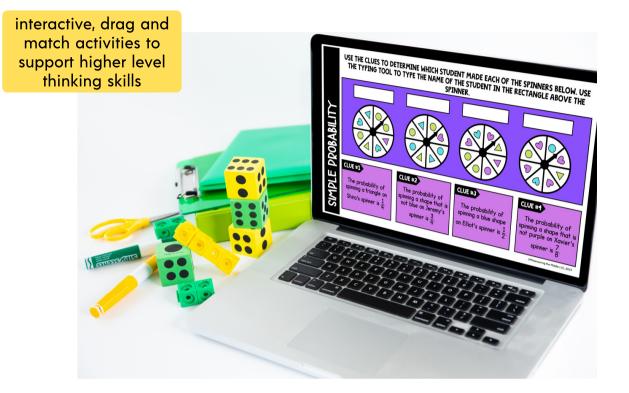
classroom activities

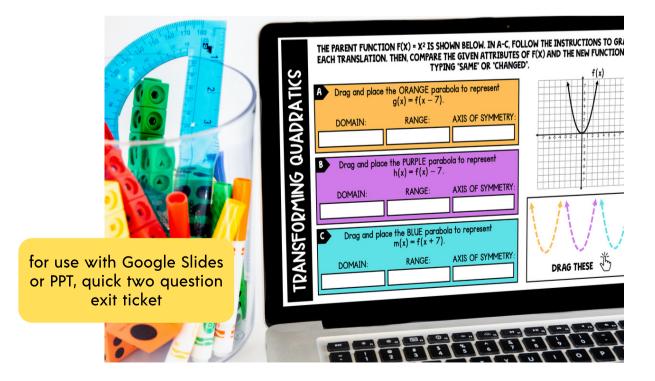
[hands-on, engaging activities to support different grouping structures and levels of thinking]



supplemental digital activities

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

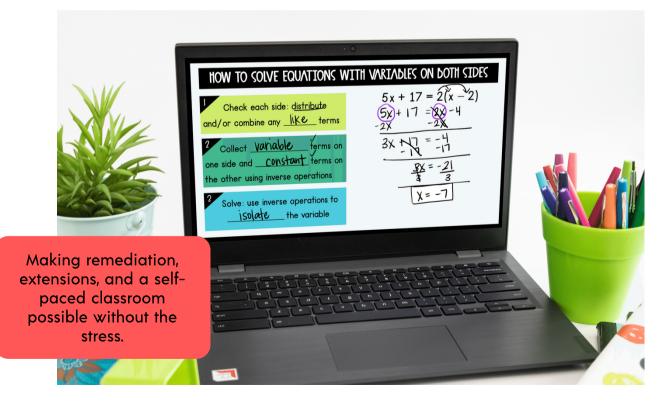




student video library

[coming September 2021]





unit review and assessments

[aligned and standards-based unit assessments]

	Unit: Data & S	atistics		Name			
	Test			_	NUT TEOT	Pd	
	Solve the proble	MAIA & ms below. Be sur			INIT TEST		
		e polls every twen		-	zoo, the length of eac	h iguana is	
		mine if they are so the store. Forty of		measured	 Which statement is I nation below? 		
	are surveyed, and	26 are satisfied. drawn for the 800	What		IGUANA LENGT	н	
	customers?		o dalla		::		
						both multip	
	A. 65% of the cu the cleanliness	stomers are unsati s of the store.	isfied with	-	9 10 11 12 13 14	and open	
	B. Of the 800 cus	stomers, 520 would	d be satisfied		LENGTH IN CENTIN	questions are	
	with the cleanl	iness of the store.			half of the iguanas me neters or more in lengt		
	C. 40% of the cu cleanliness of	stomers are satisf the store.	ied with the		f the iguanas measure		
	D. 25% of the cu the cleanliness	stomers are not so	atisfied with		umber of iguanas that i leters or more is equa		
	The clearniness	or the store.			easure 11 centimeters		
igorous qu	uestions that	f 40 students fro	om each grade	level were	surveyed regarding th	eir preference	
	are students). Use the table b					
tor state a							
	issessments	ZIH CRADE	Z00	MUSEUM	SPORTS COMPLEX		
		7 TH GRADE	12	18	SPORTS COMPLEX 10 7		
		7 TH GRADE 8 TH GRADE			10		
			12 14	18 19	10	the 8 th grade	
	3. If there are 22	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the	10 7	red either the	
	3. If there are 22 class, then how m to prefer the zoo A. 39	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum of A. 65%	10 7 e are 180 members of n what percent prefer or the sports complex?	red either the	
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	red either the	
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum of A. 65% B. 47.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	red either the	
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	red either the	
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	editable as	
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	red either the	ows for
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	editable ass version all	ows for
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66	8 TH GRADE	12 14 7 th grade	18 19 4. If there class, the museum c A. 65% B. 47.5% C. 17.5%	10 7 e are 180 members of n what percent prefer or the sports complex?	editable ass version all modifico	ows for
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66 ALLAPLE FOR D. 66	8 TH GRADE	12 14 7 th grade be expected	18 19 4. If there class, the museum of A. 65% B. 47.5% C. 17.5% D. 26%	10 7 e are 180 members of n what percent prefer or the sports complex?	editable ass version all modifice	ows for ations
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66 ALLAPLE FOR D. 66	8 TH GRADE	12 14 7 th grade be expected	18 19 4. If there class, the museum of A. 65% B. 47.5% C. 17.5% D. 26%	10 7 e are 180 members of n what percent prefer or the sports complex? @Mane manual components	editable ass version all modifice	ows for ations
	3. If there are 22 class, then how m to prefer the zoo A. 39 B. 48 C. 120 D. 66 ALLAPLE FOR D. 66	8 TH GRADE	12 14 7 th grade be expected	18 19 4. If there class, the museum of A. 65% B. 47.5% C. 17.5% D. 26%	10 7 e are 180 members of n what percent prefer or the sports complex?	editable as version all modifice werng me Midde LCC, 2016	ows for ations

+ 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



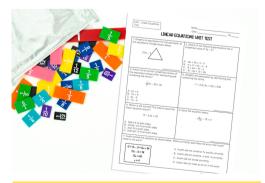
back to school activities

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

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- 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
- Menge student video library (videos begin rolling out in September 2021)

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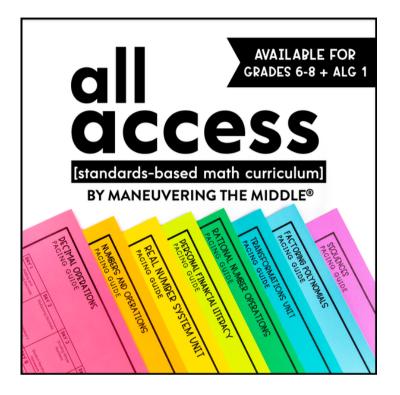
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