UNITHINE

	FOCUS	STANDARD
WEEK	Multiplication: Multiplication Charts, Tables, and Patterns Multiplication Expressions and Comparisons	TEKS: 3.4EK, 3.5BC, 3.5E CC: 3.0A.A.I, 3.0A.D. 9
WEEK	Multiplication: Multiples of Ten, Partial Products, and Multiplying a 2-digit by a l- digit number	TEKS: 3.4GK, 3.5B CC: 3.0A.B.5, 3.0A.D. 9, 3.NBT.A.3
WEEK 3	Multiplication and Division: Related Facts and Unknown Numbers	TEKS: 3.4IK, 3.5BD CC: : 3.0A.A.2, 3.0A.A.3, 3.0A.A.4, 3.0A.B.5, 3.0A.B.6, 3.0A.D.8
MEEK T	Multiplication and Division: Divisibility Rules with Even and Odd, Divide By 10, Relate to Multiplication	TEKS: 3.4IK, 3.5B CC: 3.0A.A.2, 3.0A.B. 6

-88

-20 Days of Lesson Plans for:

Week I: Multiplication: Patterns, Tables, and Charts &

Multiplication Expressions and Comparisons

Week 2: Multiples of 10, Multiply a 2 Digit Number by a 1 Digit Number, Partial Products

Week 3: Multiplication and Division: Related Facts, Unknown Numbers

Week 4: Divisibility Rules with Even and Odd, Dividing by 10,

Relate to Multiplication

PATTERNS, TABLES. & CHARTS PATTER **FOCUS FOCUS FOCUS** MATERIALS FOCUS OBJECTIVE Tables and Patterns Expressions and **FOCUS** I can model and Patterns and Rules Comparisons Expressions and Garne Pinces, Paper dips describe multiplication Comparisons expressions Multiplication Cha VOCABULARY VOCABULARY VOCABULARY WO VOCABULARY WORDS WORD PROBLEM FACTOR PRODUCT MULTIPLE, EXP VOCABUI FACTOR, PRODUCT, MULTIPLE, PA FACTOR, PRODUCT, MULTIPLE, EXPRESSION, COMPARISON MINILESSON FACTOR, PRODUC MINILESSON ACTIVITY INTERACTIVE NOTEBOOKS ASSESSMENT MINILESSON MINILESSON chart and question stems Multiplication Comparison from Monday to continue Game Problem Solving Introduce multiplication noticing patterns in the daminas in a spiral formation. To con use the printable dominal a octual dominal. Start in the center of the spiral. Spirithe Introduce the multiplica Students need a partner, Students cut out expressions with the chart Students cut out the not used one before. Sp come time discussing to atterns throughout the Like the chart to arrow templates provided the rectangle and in cands and face upside center of the spral. Spin the spinner. This will tell you have for to move forward. Wherever you land, multiply the two numbers you product, you must create a pattern of numbers. Your number can be at the beginning, models, or and of the pattern route. You must create as part and the pattern products you must create as pattern of numbers. Your products you must create as pattern and the pattern products. You must creat products you will be products on the products products you will be products products you will be products Discuss how we can know Discuss the difference between the flaps down OR you can leave if a product will be even between 4 times as them on a sheet and have Students glue or odd using the cords rultiplication equations tudents who to follow the to find a product many as 2 and 2 times students answer on the Students underneath the even x even = even and de ident buildi as many as 4 Do a few sheet with their portner even x odd = even center title complete the of these so students Partner I spins. Build a large multiplicat chart as a class. Use t number cords and ha bba = bbo x bbo Students solve the can see examples Students choose a cord only o naking numb odd weven = even adia. Your pattern must contain the numbers total. This can be the verbally or on the recording quick Discuss the words as BOTH students answer problems by students asset in making thant. Lay it out on the or on butcher paper You need 7 even gards, 4 and call out a product many as AND as much drawing a model assessment. odd cards, M times signs, sheet. Continue spinning, moving Partner I moves forward as. Use the word and creating patterns until precise has reached this outside of the iperal Emphasize the and writing a and 4 equal signs If there is a star, stay problems to build Use the multiplication of fow (den If there is a command multiplication prompts to discuss the c with your students. You so a few of these each c multiplication potterns made and using our withplication chart to assist us with making patterns. After playing with the class the Use the cards to discuss follow the command expression expressions and and practice. Students

companisons as a class

warm-up. Students can the small set in their m spiral

use dry erase boards or

spirals to show their work

tudents can play with each att

underneath the

flaps.

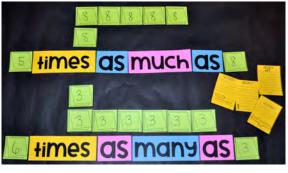
answering, and moving

until someone reaches the and

MINLESSONS

-Ideas and materials on how to teach the concepts
-Hands On and Fun for students





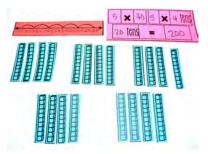












FUN ACTIVITIES

Easy to Print Activities, Games, and Fun Stuff that help students stay engaged during your math block



INTERACTIVE NOTEBOOKS



A MOBD PROBLEI

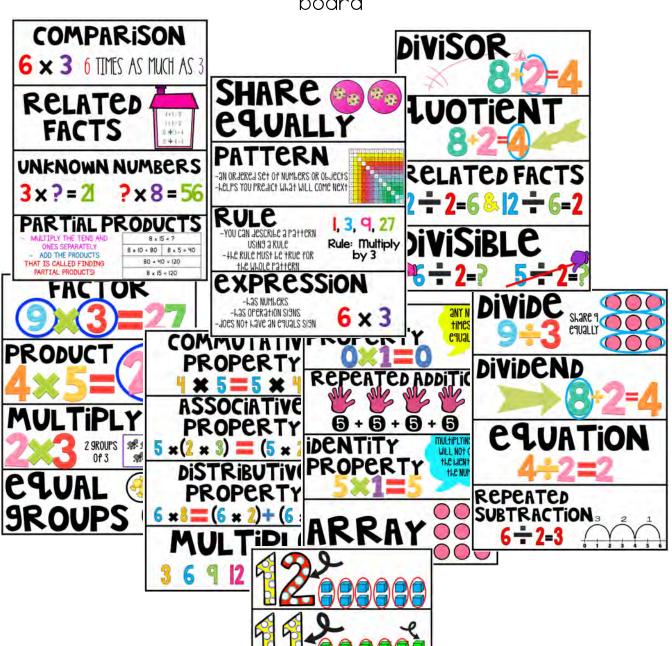
20 Word Problems that fit the skills included

Glue this in your spiral. Use to answer the daily word problems

							WORD PROBLEM- DAY TWO							
	M	JLT	IPL	I(ATI(ON CHART	Use the multiplication chart. Write the products for:							
X	-	2	3	4	ţ	WOR	D PROBLEM	multiplying by 3multiplying by 8						
-1	- 1	2	3	4		Use the multip	blication chart	multiplying by 6 Lea the multiplication shout. White the anadusts for:						
2	2	4	6	8	[(hat pattern d	Use the multiplication chart. Write the products for: • multiplying by 3						
3	3	6	9	12	1			multiplying by 8multiplying by 6						
4	4	8	12	16	2	Use the multip		Use the multiplication chart. Write the products for:						
5	5	10	15	20	2	10, w	hat pattern d	 multiplying by 3 multiplying by 8 						
6	6	12	18	24	3		WORD PROBLEM- DAY FOUR							
7	7	14	21	28	3	Use the mu	Use the multip	olication chart. Write the products for:						
8		_		WO	RD P	ROBLEM- D		WORD PROBLEM- DAY FIVE						
9			escr)	ribe	patter	n of even an		Complete the patterns using your multiplication chart: • 4, 8,,, 20, 24,, 32,						
10						nn for multip	Use the r	•, 18, 27,, 54,, 48						
								Complete the patterns using your multiplication chart:						
			escr)			n of even and	Use the r	• 4, 8,, 20, 24,, 32,						
				The	e colur	nn for multip		•, 18, 27,, 54,, • 6,,, 30,, 48						
		Describe nettern of even on						Complete the patterns using your multiplication chart:						
	Describe pattern of even and the column for multip						Use the r	• 4, 8,, 20, 24,, 32, •, 18, 27,, 54,,						
								• 6,,, 30,, 48						
			escr)	ribe	patter	n of even an		Complete the patterns using your multiplication chart: • 4, 8,,, 20, 24,, 32,						
				the	e colur	nn for multip	Use the r	•, 18, 27,, 54,, • 6,,, 30,, 48						
		\vdash						Complete the patterns using your multiplication chart:						
)escr			n of even and	Use the r	• 4, 8,, 20, 24,, 32,						
				The	e colur	nn for multip		•, 18, 27,, 54,, 54,, 6,, 30,, 48						
		Describe pattern of even and the column for multiplying by 5.						Complete the patterns using your multiplication chart:						
								 4, 8,, 20, 24,, 32, , 18, 27,, 54,, 54, 						
						12.7	0 /	• 6,, 30,, 48						

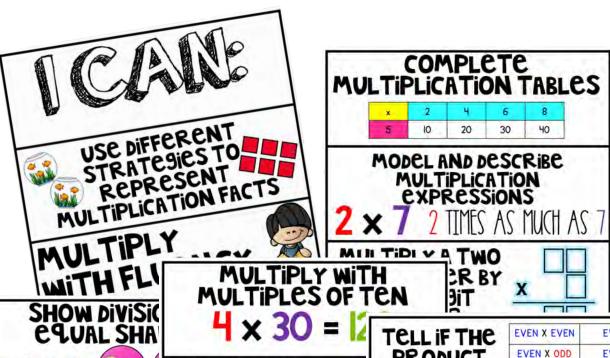
MOCHBULLARY CHRDS

Cards that you can display on a math word wall or bulletin board



I CAN STATEMENTS

I Can Statements can be displayed throughout the unit.





USE DIFFERE STRATE9IES TO DIVIDE

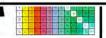
DIVIDE WITH FL

EXPLAIN
PATTERNS ON
MULTIPLICATION
TABLE

USE RELATED FACTS TO MULTIPLY AND DIVIDE

FIND UNKNOWN 5 X NUMBERS

DIVIDE BY T



TELL IF THE PRODUCT WILL BE EVEN OR ODD

EVEN X EVEN	EVEN
EVEN X ODD	EVEN
44-14-14	EVEN
ODD X ODD	ODD

USE DIVISIBILITY RULES



SOLVE ONE-STEP WORD PROBLEMS

ENN HAS TWO FIREFLIESS. SHE FOUND THREE MORE, HOW MANY FIREFLIES DOES JENN HAVE ALTOGETHER?

SOLVE MULTI-STEP WORD PROBLEMS

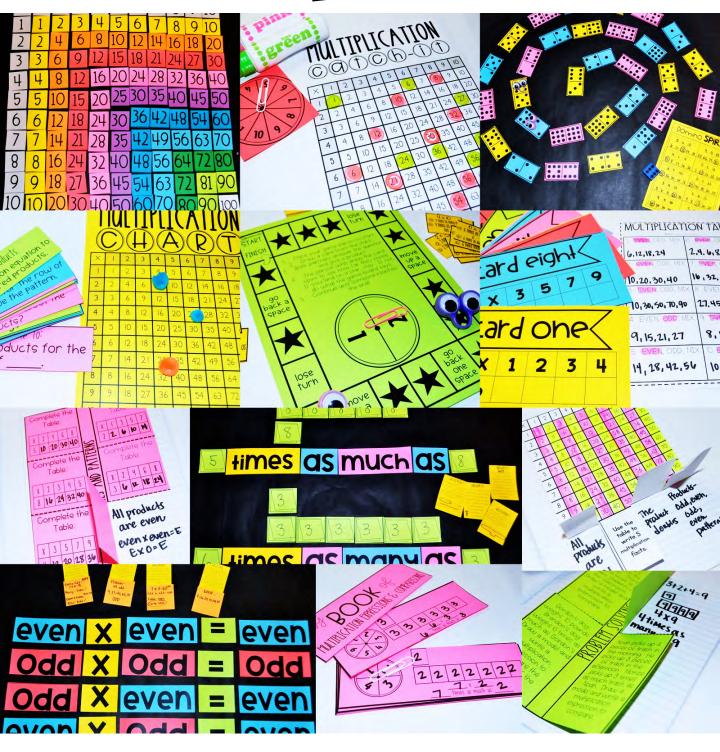
KEENAN HAD FOUR GUMBALIS. HE CHAND DIN. THEN HIS FRIEND MARK GAVE HIM TWO
MORE, HOW MANY GUMBALIS DOES KEENAN HAVE?

AUCK ASSESSMENTS

. באדדרסגול דעטו לל בעוע ליועטבל !

Name	Name:						LES, AND CHARTS	TWO DIGIT MULTIPLICATION						
I. C	I. Complete the tables.			.		4. Tamika makes a pattern with Name: 14. Solve				ve the equation by finding				
įχ		2	3	4	5	6	blocks. How many blocks does Tamika need to place in the next	I. Solve the equation using place value strategies.	the po	artial	l produ 15 x			
14							two parts of her pattern?	7 x 30		П			П	Ш
χ	2	4	6	8	10		4, 9, 14, 19, 24,			\pm	Ш		H	Ш
1							5. Which comparison describes	tens =	ш	Ш	${}^{+}$	\vdash	1	ш
įχ		3	5	7	q		the multiplication expression?	2. Solve the equation using place value strategies.			<u> </u>	<u> </u>	J	
6							3 x 7	5 x 40	5 C-1	44	ne equa		-	
					roup Desc	of cribe	a. 3 more than 7 b. 7 less than 3		5. 50	ve Tr	ne equa	ITIONS.]
I the	patt 8.	ern. 16.2	24. 3:	2, 40	. 48		c. 7 times as many as 3 d. 3 times as	tens =		2	4		3	6
l I Rule	:	.0, .		.,	-	5_1	d. 3 times as Than y as y MISSING #'S MISSING #'S Nes Olive for the missing factors P P P P P P P P P P P P P	3. Oddur - Property	×		7	×		4
DEL	ΛT	ED	F	TC	12	4 5	olive for the missing factors	None Divisibili	y Ru	lac	-			
KEL	_		15	ets f	or 6,	usin		3. Odd/Even, Divisibility di L Identify if the numbers are	141	L'S	& Di	vidin	96	y 10
North	the 1	relat	ed II			1	b. ? x 6 = 42	L 1 /	solv	e:	epeate	d subt	actio	on to
7. and		_				11	b. / x s	a. 54 b. 2,483 c. 190			+ OF			
b -	_	_				1	a ?=-	d 8,409				10 =		1
14				15	rts f	-	song on array to	2 Identify if the products would be odd or even	5 M.					1
1 21	Write	the av	relat	ed II	octs f			- TVEF	5 Model number in	tha fo	llawing pr	ciolem	in a	1
1 the	arr	H	H	H	A		Licos writes 2 about the countries?	1 b. 274 28		60	÷ 10	-		1
1		H	Ŧ	1				d 49×182			19 79 6			1
1						-	a both equations are correct. a Only Nina is correct.	3 Look					9	i
1	6	_		_		_	b. Only Lucias is correct	divisible by 2 Wat they are Har	ing Each any ware o	O stud	dents goir	gana	i	
ì	d	-	_				1 4 001	2 58 dags to 371	Imp. Each any ware o ap? Explai	n your	eded for thinking	the the	i	
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	1	TTIL	bline		Betho	vision my wr	D 1+9=5 L						į	
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												-1		

WEEK ONE



WEEK HWO



WEEK HHREE



WEEK FOUR

