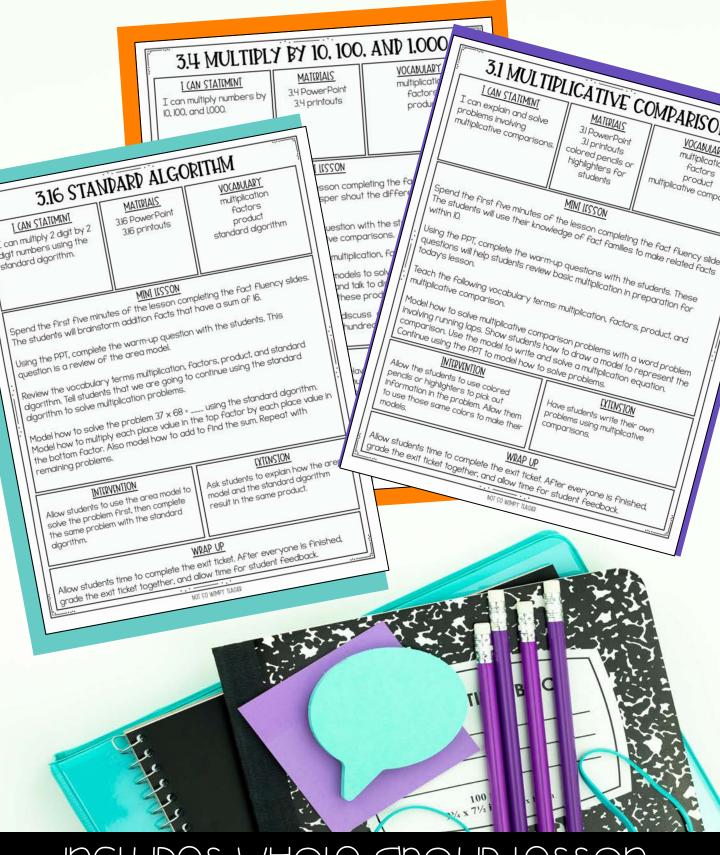


Day I Day 2 Day 1 Day 3 Day 3 Day 4 Day 5 Multiplicative Multiplicative Multiplicative Multiplicative Day 3 Multiplicative Multiplicative Multiplicative Multiplicative Multiplicative Multiplicative Day 4 Multiplicative Multipl

Includes a pacing guide to see Your entire week at a glance



INCLUDES WHOLE GROUP LESSON PLANS!

3.3 MEET THE TEACHER 3.16 MEET THE TEACHER MATERIALS FOR TEACHER: whiteboard, marker, eraser MATERIALS FOR STUDENTS: I set of multiplicative comparison cards each. PIALS FOR TLACHAR: whiteboard, marker, eraser whiteboards, markers, erasers TRIALS FOR STUDINTS: whiteboards, markers, erasers PREPARATION: Print and cut one set of multiplicative comparison cards Write 38 x 23 on your whiteboard. Tel students that we are got Write 50 X 23 on your Writeboard, let Students That we are got use the standard doorthm to solve. Tak students through mut and date to another account of the solve account of the solution. for each student in use the standard agontint to sover. Tak students intraught mut each digt by each other, regrouping where needed. Findly, a find the table mode of cards that corre f vour groups. Use the set of After each set Ask students to solve 82 x 45 on their whiteboards with y PPROACHING Find the total product. Nex students to save bc x to on their whiteboards with y solve on your whiteboard. Allow students to explain how whitem set, and place it ACTIVITY: 3.5 MEET THE TEACHER Use your white MATERIALS FOR TRACHER: journal page for teacher and students, scissor comparisons Repeat with 12 × 66, 34 × 76, and 4 × 90. Model how to solve 38 x 23 on your whiteboard. Tak model, and wi problem. mousing in some as X 23 on your writeboard, lak multiplying each dgt by each other, regrouping wh With the on MATERIAIS FOR STUDINTS: Pencils, scissors, glue, journals adding to Find the total product. 7 times as i Ask students to solve 82 x 45 on their own whit ON TRACK Ask students to solve by X *b on their own while students are finished, have them place their b APPROACHING students are tinished, have them place their b al students are Frished, have them plac up th Continue n ai students are rinsned, have inem pick up it their work as you solve the problem on the students The service of the se / Model how to quickly cut and glue the journal page. Have manner using their journal pages. Have same in a timely Repeat with 12 × 66, 34 × 76, and 41 × 90. Introduc / siugenis snow you indi iney cun manner using their journal pages Ask students to solve 38 x 23 on their w they will Complete the first problem with the students. Allow the students to walk vou through how to solve the next few turn their boards over when finished. factor. Complete the first problem with the students. Allow the students to walk you through how to solve the fact from have students solve the last orablem on their or their or the students for the solve the fact from their or the solve the last orablem on their or the solve th have them filp their boards over and g erase / students to walk you through how to solve the next few and check transitier. have mention inter war as over and how to solve the problem on your wh ON TRACK MASTERED NOTES: and check together. Pair students to complete the follow whiteboards: 12 x 66, 34 x 76, and Model how to quickly cut and glue the journal page. Have some using their Model how to quickly cut and glue the journal page. Have journal pages. Have do the same using their journal pages. Model how to solve the first problem. Allow the students to work in pairs to solve each problem. Have the pairs sit Model how to solve the first problem Allow the studen work in pairs to solve each problem Allow the studen autetiv until every and is finiched there the pairs sit / work in pairs to solve each problem. Have the pairs sit aroun and the pairs solve each problem. Have the pairs sit aroun and the pairs sit NOTES: MASTERED group. A st vite. Model how to quickly cut and glue the journal page. Have students show you that they can do the same using their Model how to quickly cut and glue the journal page. Have journal pages. You that they can do the same using their Hove students complete the sheet on their own. Poir up at wants in to chark their messare these them over at a Have students complete the sheet on their own. Pair up nietakee with their answers, Have them correct any NOTES: mistakes with their partners

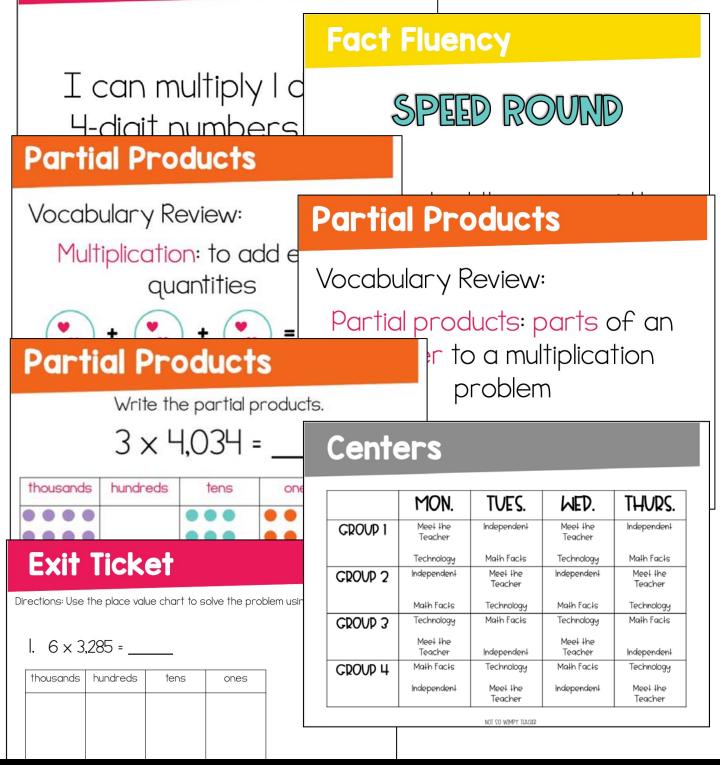
INCLUDES SMALL GROUP/ MEET WITH teacher lesson plans

			Name	8							Name:	
Ur	 3	Lesson I4		Problen	n Set			Unit 3 Lesso	n 2		Hon	nework
Dire	tions: l	Use the area mod	el to solve for each product.					Directions: Draw a line	to match each	n factor to the pr	oduct that is 3 times as	s many.
L	34 ×	35 =	2. 65 x 72		AND WORKSRA	1	BRIMM WWW	L.	q		21	552A
	CONTRACT OF			Name:						Name:		
	U	Init 3 Less	on I8	Pr	oblem Set		Unit 3 L	esson 12		ŀ	lomework	WW
		rections: Use the t omposite.	table to list the factor pairs for eac	h number and label	as prime or		Directions: Use	e the area model to solve	for each prod	luct.		
		Number	Factors				Name:		2.	24 x 51 =		
3				Unit 3 L	.esson 2		E	xit Ticket				The
		12		Directions: Read	d and solve the problem.							scored
		31		I. Hilda s	I. Hilda spent 4 hours on her science fair project throughout the week. Over							
				2499-1471 T			Name:					ook that
		50		Unit 3 L	esson 15.		Ε	xit Ticket	Ч.	36 × 42 =		ticker
				Directions: Find	each product using the	standard algorithm.					_	
5.		25				2 25	3	20				
	DI	irections: Circle tru	ue or false for each statement.				Name:				_	iels as
	2.	A prime nu	mber has 3 factors. (True	Unit 3 L	esson 19			xit Ticket				
	3.	The sumbe	r IH is composite. (True / Fa	Directions: Use 1	the table to list the facto	r pairs for each number o						- Prove
				I. Numb	er	Factors	Prime or	Composite	6.	50 x 66 =		
	14	. The numbe	r 9 is prime. (True / False)			eventeene (h.N.) of Mercell						

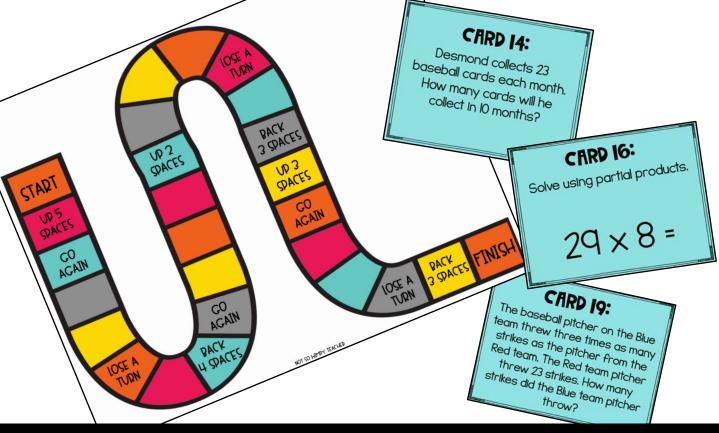
INCLUDES PROBLEM SETS, HOMEWORK, and exit tickets for each day

	Unit 3 Lesson 5 Homework
	Directions Draw models to Pind the products. L I/O x 4 + 400 2. 8 x 10 +
Alter	3. H×D• 4. 7×100•
A	Directions: Solve each problem without models.
	5. 3×100+ <u>300</u> 6. 100×8+
	7. 30 × 1000 · 8. 6 × 1000 ·
	9. 90 x 02
	I. 67 × 10 + IZ. 41 × 100 +
	B. The movie theater sold 92 tickets for the 800 movie showing. They sold 10 times as many tickets for the 900 movie showing. How many tickets did they sell for the 900 showing?

3.8 Partial Products



INCLUDES DAILY POWERPOINTS FOR teaching Math Skills.



JAMES AND LASK CARDS ARE INCLUDED FOR END OF UNIT REVIEW

MULTIPLICATION		Directions: Read each co	PLICATI and necord your o	
TACK CARUS (L 5.	6.	3.	8.
MiD-UNIT	ď	10.	L	12.
REVIEW	13.	н	15.	l6.
	17. 21.	18. 22.	IQ.	20.
Fourth grade had a bo sale as a fundralser Students baked 5 times Many brownie trays as cookles. There is a	as	Solve using models.	8	Solve using the standard algorithm. 239 X 5
x 7 in the province trays as the province t		4×10=		

Includes pre- and post-assessments, answer keys and a rubric for tracking student progress

	Nar	Name:				
Unit 3 Unit 3		Unit 3 Assessme				
Directions	: Use the place value chart and the work space to th	th				
	73 =	Directions: Use the area model to solve for eac				
I. Lydia has 8 strawberries in her lur 12. 4 × blueberries in her lunchbox. How r	/3 =	15. 14 × 39 =	l6. 27 × 58 =			
	dreds tens ones					
2. Ruger has 12 spots on his coat. His						
many spots on his coat. How man						
Skill	Multiplicative Multiplying Partial Area modi		CONTRACT, C			
2411	comparisons by 10, 100, products and 1,000	Standard Standard Standard Standard algoriihm algoriihm algoriihm	B. 22 × 32 ≈			
3. Joseline read 32 books in thir is to read 7 times as many bd Siudeni	1-3 4-11 12-14 15-20					
need to read to reach her ac		21-23 23-26 27-29 30-32 				
	/3/8/3/6 /3/8/3/6					
Unit 3			Assessment Answer Key			
Directions: Use the place value chart and the wo			the word problem solving strategy.			
12. 4 x 73 = <u>292</u>			park. How many miles would Louie			
	/8/8/6					
hundreds tens ones	/8/8/6	/3/3/3	sum tel sumle			
	/3/8/3/6		would walk niles.			
	/3/8/3/6					
	/3/8/3/6					
13. 2 × 307 = <u>6H</u>	/3/8/3/6		hairs for a wedding. Each row had 23			
hundreds tens one	/8/8/6		d he set out for the wedding?			
	/3/8/3/6					
	/8/8/6	/3/3/3/3				
	31,808 IO,126	* 680	shi set out 782 chairs.			
		782				
I4. 3 x 3,735 = <u>1,205</u>	3		the arcade. She scored a 736 points in points did she score at the arcade?			
thousands hundreds tens ones 30.	4 47 3L 83	32				
	× 56 × 67 282 58		nerson scored 5,888 points.			
	<u>2,350</u> + 4,980 2,632 556	× 8 5,888				
	IOCC DOC		8			
			BUTE VITILITY			
NOT SO WIMPY FLAGER	REDAIT YEARW OZ TOM	NOT S	O WIMPY TLAGER			
	an BH	De la	Harris			
			The second second			

PAPTIAL PRODUCTS

Ц	x 28	MULTIPLIC	CATION: S	TANDAPD	ALGOPI	IHM ···
		Step I:	Step 2:	Step 3:	Step 4:	Step 5:
hundreds	tens	Line up the numbers	Multiply the ones place	Regroupl Move tens to the	Multiply the tens place	Add the extra ten you
•	•• •	vertically by their place		tens place. Keep the ones		regrouped
	••	value		in the ones place		
		64	64	64	64	64
		× 3	64 × 3	× 3	× 3	× 3
4 x 📙 hundreds	4 x 2_ tens			2	2	192
:•	• V 02 10V	ль		_	_	
					•	.:

VOCABULARY CARDS AND ANCHOR CHARTS FOR TEACHER AND STUDENTS TO REFERENCE THROUGHOUT THE UNIT

A	REA MODEL	40	40 40 × 40 = 1,600	5 40 x 5 = 200	
	TANDARD ALGORITHM he common step-by-ste process to solve a math	sb	×	42	
	the result of a number be multiplied by other numb	eing	4	× = × 2 = × 3 =	= 8

