Name:		Grading Quarter:	Week Beginning: Week 3	
Reynolds, Moon		1	8/19/24-8/23/24	
School Year: 2024-2025		Subject: Math		
Motes: Grade 5 Unit 5: Multiply Multi- Digit Whole Numbers Lesson 4: Use Area Models to Multiply Multi- Digit Factors	 NO SCHOOL! Objective: Students of and add partial factories Students of digit factories Students of Students of Students of Students of Students of Students of partial professon Students of Students of Students of Students of Students of Extend Students of Extend You Extend You Extend You Stem Conrine Math Prace 	letermine partial product artial products to calculat use an Algorithm to multiple rs. understand and explain a use an algorithm to multiple res: discuss how to solve mult ducts while answering W discuss strategies to multiple review and remediation for the strategies to multiple the strate	es by decomposing the factors te the product. ply multi-digit factors by a one- multiplication algorithm. oly two-digit factors. iplication equations using (H- and Yes/No questions. iply while using asas. or Lessons 5-1, 5-2, and 5-4. Multiply Multi-Digit Factors to an Algorithm ctors Fluently 9, 40, 43-50 power of 10, estimate, round, algorithm, regroup.	Academic Standards: S.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths. S.NBT.A.2 Fluently multiply multi- digit whole numbers using the standard algorithm. S.NBT.B.5 Fluently multiply multi-digit whole numbers using the standard algorithm. S.L.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

	Notes:	Objective:	Academic
	Grade 5	• Students determine partial products by decomposing the factors	Standards:
	Unit 5:	• Students determine partial products by decomposing the factors	Standards.
	Multiply Multi- Digit Whole	Students use an Algorithm to multiply multiply digit factors by a one	5.NBT.B
		Students use an Algorithm to multiply multi-digit factors by a one-	Perform operations
	Numbers	uigit lactors.	with multi-digit whole
	Lesson 5. Use Partial	• Students understand and explain a multiplication algorithm.	numbers and with
	Products to	• Students use an algorithm to multiply two-digit factors.	decimals to nundreaths.
	Multiply Multi-		5.NBT.A.2
	Digit Factors	Language Objectives:	Fluently multiply multi-
		Students discuss how to solve multiplication equations using	digit whole numbers
		partial products while answering WH- and Yes/No questions.	using the standard
		 Students discuss strategies to multiply while using asas. 	algorithm.
			5.NBT.B.5
			Fluently multiply
		Lesson Overview:	multi-digit whole
		Continue review and remediation for Lessons 5-1, 5-2, and 5-4.	numbers using the
		Lesson 5-5: Use Partial Products to Multiply Multi-Digit Factors	standard algorithm.
	•	Lesson 5-6: Relate Partial Products to an Algorithm	
ue		Lesson 5-7: Multiply Multi-Digit Factors Fluently	5.L.4
sda		Differentiation	Determine or
γe		Differentiation:	clarify the meaning
		Extend Your Thinking Problems	of unknown and
		Error Analysis Questions Stars Connections	multiple-meaning
		Stem Connection Questions	words and phrases
		• Math Practice book: pages 37,38, 39, 40, 43-50	based on grade 5
		No solo ula mu	reading and
	B	Vocabulary:	content, choosing
		Base, exponent, exponential form, factor, power of 10, estimate, round,	flexibly from a
		area model, decompose, partial products, algorithm, regroup.	range of strategies.

	Notes:	Objective:
	Students take 3 benchmark tests throughout the year to track growth of students' Math academic standards understanding. This is the first benchmark test of the three.	 Students determ and add partial p Students use an a digit factors. Students underst Students use an a Language Objectives: Students discuss partial products of Students discuss
		Lesson Overview:
		Continue review
		 Lesson 5-5: Use F
≶		 Lesson 5-6: Relat
<u>ה</u>		

- Students determine partial products by decomposing the factors and add partial products to calculate the product.
- Students use an Algorithm to multiply multi-digit factors by a onedigit factors.
- Students understand and explain a multiplication algorithm.
- Students use an algorithm to multiply two-digit factors.
- Students discuss how to solve multiplication equations using partial products while answering WH- and Yes/No questions.
- Students discuss strategies to multiply while using as...as.
- Continue review and remediation for Lessons 5-1, 5-2, and 5-4.
- Lesson 5-5: Use Partial Products to Multiply Multi-Digit Factors
- Lesson 5-6: Relate Partial Products to an Algorithm
- Lesson 5-7: Multiply Multi-Digit Factors Fluently

Differentiation:

- Extend Your Thinking Problems
- Error Analysis Questions
- Stem Connection Questions
- Math Practice book: pages 37,38, 39, 40, 43-50

Vocabulary:

Base, exponent, exponential form, factor, power of 10, estimate, round, area model, decompose, partial products, algorithm, regroup.

Academic Standards:

5.NBT.B

Perform operations with multi-digit whole numbers and with decimals to hundredths.

5.NBT.A.2

Fluently multiply multidigit whole numbers using the standard algorithm.

5.NBT.B.5

Fluently multiply multi-digit whole numbers using the standard algorithm.

5.L.4

Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

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	Notes: Grade 5 Unit 5:	 Objective: Students determine partial products by decomposing the factors and add partial products to calculate the product. 	Academic Standards:
	Multiply Multi- Digit Whole Numbers Lesson 6: Relate Partial Products to an	 Students use an Algorithm to multiply multi-digit factors by a one-digit factors. Students understand and explain a multiplication algorithm. Students use an algorithm to multiply two-digit factors. 	5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.
	Algorithm	 Language Objectives: Students discuss how to solve multiplication equations using partial products while answering WH- and Yes/No questions. Students discuss strategies to multiply while using asas. 	5.NBT.A.2 Fluently multiply multi- digit whole numbers using the standard algorithm.
		 Lesson Overview: Continue review and remediation for Lessons 5-1, 5-2, and 5-4. Lesson 5-5: Use Partial Products to Multiply Multi-Digit Factors Lesson 5-6: Relate Partial Products to an Algorithm Lesson 5-7: Multiply Multi-Digit Factors Fluently 	5.NBT.B.5 Fluently multiply multi-digit whole numbers using the standard algorithm.
Thursday		 Differentiation: Extend Your Thinking Problems Error Analysis Questions Stem Connection Questions Math Practice book: pages 37,38, 39, 40, 43-50 	5.L.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases
		Vocabulary: Base, exponent, exponential form, factor, power of 10, estimate, round, area model, decompose, partial products, algorithm, regroup.	based on grade 5 reading and content, choosing flexibly from a range of strategies.

	Notes:	Objective:	Academic
	Grade 5	• Students determine partial products by decomposing the factors	Standards:
	Unit 5: Multiply Multi- Digit Whole Numbers Lesson 7: Multiply Multi- Digit Factors Fluently	and add partial products to calculate the product.	
		 Students use an Algorithm to multiply multi-digit factors by a one-digit factors. Students understand and explain a multiplication algorithm. Students use an algorithm to multiply two-digit factors. 	5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.
		Language Objectives:	5.NBT.A.2
		 Students discuss how to solve multiplication equations using partial products while answering WH- and Yes/No questions. Students discuss strategies to multiply while using asas. 	Fluently multiply multi- digit whole numbers using the standard algorithm.
Friday		 Lesson Overview: Continue review and remediation for Lessons 5-1, 5-2, and 5-4. Lesson 5-5: Use Partial Products to Multiply Multi-Digit Factors Lesson 5-6: Relate Partial Products to an Algorithm Lesson 5-7: Multiply Multi-Digit Factors Fluently 	5.NBT.B.5 Fluently multiply multi-digit whole numbers using the standard algorithm.
		 Differentiation: Extend Your Thinking Problems Error Analysis Questions Stem Connection Questions Math Practice book: pages 37,38, 39, 40, 43-50 Vocabulary: Base, exponent, exponential form, factor, power of 10, estimate, round, area model, decompose, partial products, algorithm, regroup. 	5.L.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.