Name: Schimmel, Gagnon, Moon School Year: 2023-2024		Qtr: 2	Week Beginning: Week 10/23/2023-10/27/2023	
		Subject: 5 th Grade Math		
Mon Notes:	add partia Students of properties product. Students of to solve. Students of to solve. Students of Why and Notes of problems using the additional set of the set of the solve. Students of the solve of the solv	disc an area model of products to calculuse pattern based of of operations to can explain their research and explain different stock of the case of th	to determine partial products and to late the product of two decimals. On place-value concepts and letermine the placement of digits in a leasoning for using different strategies rategies to multiply decimals. The multiplication grids while answering models to solve multiplication and compose. Patterns in calculations to multiply zations. In the models to solve multiply zations. The models to solve multiply zations. The whole and yes/No questions and compose wering particular strategies to vering Whole questions. The models to solve multiplication and compose with the models to solve multiply zations. The models to solve multiply zations and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations. The models to solve multiply decimals and compose were also the multiply zations and compose were also the multiply zations. The models to solve multiplication and compose were also the multiply zations and compose were also the multiply zations.	Academic Standards: Academic Standards:

Notes: Objective: Academic Content: Standards: Students use an area model to determine partial products and to add partial products to calculate the product of two decimals. 5.NBT.B Perform Students use pattern based on place-value concepts and operations with properties of operations to determine the placement of digits in a multi-digit whole product. numbers and with • Students can explain their reasoning for using different strategies decimals to hundredths. • Students explain different strategies to multiply decimals. 5.NBT.B.7 Language: Add, subtract, multiply, and Students discuss how to solve multiplication grids while answering divide to Why and Yes/No questions. hundredths, using Students discuss using area models to solve multiplication concrete models problems while answering the Wh- and Yes/No questions and or drawings and using the academic term decompose. strategies based Students explain how to use patterns in calculations to multiply on place value, decimals by making generalizations. properties of Students explain their reasoning for using particular strategies to operations, multiply decimals while answering Wh- questions. and/or the relationship Lesson Overview: between addition and subtraction, **UNIT 6: Multiplying Decimals** relate the strategy to a written Math Reveal: method and 6-4 Use an Area Model to Multiply Decimals explain the 6-5 Generalizations about Multiplying Decimals reasoning used. 6-6 Explain Strategies to Multiply Decimals 5.L.4 Math Reveal Assessment 6 Form A Determine or clarify the Math Practice: 57-62 meaning of unknown and Vocabulary: area, area model, decompose, partial product, digit, expand, multiple-meaning decimal grid, decomposition, unknown, relevant words and phrases based on grade 5 reading and content, choosing flexibly

from a range of strategies.

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Notes: Objective:

Content:

- Students use an area model to determine partial products and to add partial products to calculate the product of two decimals.
- Students use pattern based on place-value concepts and properties of operations to determine the placement of digits in a product.
- Students can explain their reasoning for using different strategies to solve
- Students explain different strategies to multiply decimals.

Language:

- Students discuss how to solve multiplication grids while answering Why and Yes/No questions.
- Students discuss using area models to solve multiplication problems while answering the Wh- and Yes/No questions and using the academic term decompose.
- Students explain how to use patterns in calculations to multiply decimals by making generalizations.
- Students explain their reasoning for using particular strategies to multiply decimals while answering Wh- questions.

Lesson Overview:

UNIT 6: Multiplying Decimals

Math Reveal:

6-4 Use an Area Model to Multiply Decimals
6-5 Generalizations about Multiplying Decimals
6-6 Explain Strategies to Multiply Decimals
Review
Math Reveal Assessment 6 Form A

Math Practice: 57-62

Vocabulary: area, area model, decompose, partial product, digit, expand, decimal grid, decomposition, unknown, relevant

Academic Standards:

Academic Standards:

5.NBT.B

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

5.NBT.B.7

Add, subtract, multiply, and divide to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction, relate the strategy to a written method and explain the reasoning used.

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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Math Reveal Assessment 6 Form A

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UNIT 6: Multiplying Decimals

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