Name: Schimmel, Gagnon, Moon		Qtr: 1	Week Beginning: Week 9/25/2023-9/29/2023		
School Year: 2023-2024		Subject: 5 th Grade Math			
Mon Notes:	strategies Students calculate Students calculate Students partial pr Students and add p Students digit factor algorithm Language: Students questions Students answerin Students partial pr Students calculate Students students subject of the students subject of the students subject of the students subject of the students Answerin Students Students Answerin Answer	s used to estimate puse estimated products of Multiply I Products to Multiply I Products to Multiply I Products to an Algorithm Reveal A and Math Reveal A a	products by decomposing the factors calculate the product. In multiply multi-digit factor by a one-tand and explain a multiplication products while answering Whan area model to multiply while the multiplication equations using the gring Whand yes/no questions. To multiply while using asas. Assessment Tests Factors Ilti-Digit Factors Multi-Digit Factors	Academic Standards: Academic Standards: 5.NBT.B.5 Fluency multiply multi-digit whole numbers using a 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.	

Notes: Objective: Academic Content: Standards: Students estimate products of multi-digit factors using the same 5.NBT.B.5 strategies used to estimate products of lesser factors. Students use estimated products to make predictions about a Fluency multiply multi-digit whole calculated solution. numbers using a Students use estimated products to assess the reasonableness of a standard calculated solution. algorithm. Students use an area model to determine partial products and add partial products to calculate the product. 5.L.4 Students determine partial products by decomposing the factors Determine or and add partial products to calculate the product. clarify the Students use an algorithm to multiply multi-digit factor by a onemeaning of digit factor. Students understand and explain a multiplication unknown and algorithm. multiple-meaning words and Language: phrases based on Students discuss estimating products while answering Whgrade 5 reading questions. and content, • Students explain how to use an area model to multiply while choosing flexibly answering Wh- Questions. from a range of Students discuss how to solve multiplication equations using strategies. partial products while answering Wh- and yes/no questions. Students discuss strategies to multiply while using as...as. Lesson Overview: Go over both DNA and Math Reveal Assessment Tests Math Reveal: 5-3: Estimate Products of Multi-Digit Factors 5-4: Use Area Models to Multiply Multi-Digit Factors 5-5: Use Partial Products to Multiply Multi-Digit Factors 5-6: Relate Partial Products to an Algorithm Math Practice: 41-48 Vocabulary: base, exponent, exponential form, power of 10, estimate,

round, area model, decompose, partial products, algorithm.

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Notes: Objective:

Content:

- Students estimate products of multi-digit factors using the same strategies used to estimate products of lesser factors.
- Students use estimated products to make predictions about a calculated solution.
- Students use estimated products to assess the reasonableness of a calculated solution.
- Students use an area model to determine partial products and add partial products to calculate the product.
- Students determine partial products by decomposing the factors and add partial products to calculate the product.
- Students use an algorithm to multiply multi-digit factor by a onedigit factor. Students understand and explain a multiplication algorithm.

Language:

- Students discuss estimating products while answering Whquestions.
- Students explain how to use an area model to multiply while answering Wh- Questions.
- 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.

Lesson Overview:

Go over both DNA and Math Reveal Assessment Tests

Math Reveal:

5-3: Estimate Products of Multi-Digit Factors

5-4: Use Area Models to Multiply Multi-Digit Factors

5-5: Use Partial Products to Multiply Multi-Digit Factors

5-6: Relate Partial Products to an Algorithm

Math Practice: 41-48

Vocabulary: base, exponent, exponential form, power of 10, estimate,

round, area model, decompose, partial products, algorithm.

Academic Standards:

5.NBT.B.5

Fluency multiply multi-digit whole numbers using a 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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Go over both DNA and Math Reveal Assessment Tests

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5-3: Estimate Products of Multi-Digit Factors

5-4: Use Area Models to Multiply Multi-Digit Factors

5-5: Use Partial Products to Multiply Multi-Digit Factors

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Math Practice: 41-48

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Academic Standards:

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