Name: Schimn Moon	nel, Gagnon,	Qtr: 1	Week Beginning: Week 10/2/2023-10/06/2023		
School Year: 2023-2024		Subject: 5 <sup>th</sup> Grade Math			
Mon Notes:	strategies us solution.  Students us calculated solution.  Students us products to students us factor. Students us factor. Students us factor. Students us factor. Students di Students di Students di products wown Students di p	seed to estimate products see estimated products solution.  See an area model to de calculate the product etermine partial products to calculate the poducts and algorithm to multients understand and see an algorithm to solve multients scuss strategies to multients scuss strategies to multients answering What an acquiain how to use an algorithm to questions.  Indicate the products are algorithm to multients and Math Reveal Assessing the seed of the products to an Algorithm to multiply Multimoducts to an Algorithm to multiply form A Test	to make predictions about a calculated to assess the reasonableness of a termine partial products and add partial cts by decomposing the factors and add roduct. Siply multi-digit factor by a one-digit explain a multiplication algorithm. Siply multi-digit factors by a on-digit explain a multiplication algorithm. Siply two multi-digit factors.  See a model to multiply while answering who questions are a model to multiply while answering while using asas. Stiply while using asas. Stiply while using asas. Stiplication equations using partial dayes/No questions. Signification equations using partial dayes/No questions.	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:

## 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.
- Students use an algorithm to multiply multi-digit factors by a ondigit factor. Students understand and explain a multiplication algorithm.
- Students use an algorithm to multiply two multi-digit factors.

## 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.
- Students discuss how to solve multiplication equations using partial products while answering Wh- and Yes/No questions.
- Students explain how to use an algorithm to multiply while answering Wh- and Yes/No questions.

## **Lesson Overview:**

Go over both DNA and Math Reveal Assessment Tests

#### Math Reveal:

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

5-6: Relate Partial Products to an Algorithm

5-7: Multiply Multi-Digit Factors Fluently

Review

Unit 5 Assessment Form A Test

Math Practice: 41-50

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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Fri	Notes:	Objective:  Content: No School	Academic Standard: