

Name: Reynolds, Moon		Grading Quarter: 1	Week Beginning: Week 2 8/12/24-8/16/24
School Year: 2024-2025		Subject: Math	
Monday	Notes: Grade 5 Unit 5: Multiply Multi-Digit Whole Numbers Lesson 4: Use Area Models to Multiply Multi-Digit Factors	<p>Objective:</p> <ul style="list-style-type: none">I can use an area model and partial products to multiply multi-digit whole numbers. <p>Lesson Overview:</p> <ul style="list-style-type: none">Academic Vocabulary<ul style="list-style-type: none"><u>Partial Products</u>- used in area models as well as Distributive property.TB p. 147-150Launch<ul style="list-style-type: none">p. 147- Be Curious<ul style="list-style-type: none">Whole Class discussion of area modelExplore & Develop<ul style="list-style-type: none">p. 148- Learn<ul style="list-style-type: none">Read and discuss the problem and area model solution presented.Do the Work Together question together to clarify what students need to do.Practice & Reflect<ul style="list-style-type: none">p. 149-150- On My Own<ul style="list-style-type: none">Partner/Independent WorkGo over answers together when students finish.Assignment<ul style="list-style-type: none">WB p. 43-44<ul style="list-style-type: none">Independent WorkStudents turn in for a grade.	Academic Standards: 5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths. 5.NBT.A.2 Fluently multiply multi-digit whole numbers using the standard algorithm.

Tuesday	<p>Notes:</p> <p>Grade 5</p> <p>Unit 5:</p> <p>Multiply Multi-Digit Whole Numbers</p> <p>Lesson 5:</p> <p>Use Partial Products to Multiply Multi-Digit Factors</p>	<p>Objective:</p> <ul style="list-style-type: none"> • I can use partial products to help me multiply multi-digit factors. • I can explain how to use partial products to multiply. <p>Lesson Overview:</p> <ul style="list-style-type: none"> • TB p. 151-154 • Launch <ul style="list-style-type: none"> ○ p. 151- Be Curious <ul style="list-style-type: none"> ▪ Small Groups ▪ Students discuss how area models relate to partial products. • Explore & Develop <ul style="list-style-type: none"> ○ p. 152- Learn <ul style="list-style-type: none"> ▪ Read the question and discuss the example presented. ▪ Do the Work Together question together to clarify what students need to do. • Practice & Reflect <ul style="list-style-type: none"> ○ p. 153-154 <ul style="list-style-type: none"> ▪ Partner/Independent Work ▪ Go over questions together when students finish. • Assignment <ul style="list-style-type: none"> ○ WB p. 45-46 <ul style="list-style-type: none"> ▪ Independent Work ▪ Students turn in for a grade. 	<p>Academic Standards:</p> <p>5.NBT.A</p> <p>Understand the place value system.</p> <p>5.NBT.A.2</p> <p>Explain patterns in the number of zeros of the product when multiplying by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.</p>
Wednesday	<p>Notes:</p> <p>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.</p>	<p>Objective:</p> <ul style="list-style-type: none"> • I can test my current understanding of Math academic standards that I will be expected to know by the end of 5th Grade. <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Students will take the Beginning of Year AASA Mimic Math test to see their initial understandings of Math academic standards up to and including 5th Grade. 	<p>Academic Standards:</p>

Thursday	<p>Notes:</p> <p>Grade 5</p> <p>Unit 5:</p> <p>Multiply Multi-Digit Whole Numbers</p> <p>Lesson 6:</p> <p>Relate Partial Products to an Algorithm</p>	<p>Objective:</p> <ul style="list-style-type: none"> • I can multiply using an algorithm. • I can describe an algorithm for multiplication. <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Academic Vocabulary <ul style="list-style-type: none"> ○ <u>Algorithm</u>- used when adding, subtracting, or multi-digit multiplication. • TB p.155-158 • Launch <ul style="list-style-type: none"> ○ p. 139- Be Curious <ul style="list-style-type: none"> ▪ Small Groups ▪ Students discuss how partial products relate to a multiplication algorithm. • Explore & Develop <ul style="list-style-type: none"> ○ p. 140- Learn <ul style="list-style-type: none"> ▪ Read and discuss as a class the question and steps presented. ▪ Do the Work Together question together to clarify what students are being asked to do. • Practice & Reflect <ul style="list-style-type: none"> ○ p. 141-142- On My Own <ul style="list-style-type: none"> ▪ Partner/Independent Work ▪ Go over answers together when students have finished. • Assignment <ul style="list-style-type: none"> ○ WB p. 47-48 <ul style="list-style-type: none"> ▪ Independent Work ▪ Students turn in for a grade. 	<p>Academic Standards:</p> <p>5.NBT.B</p> <p>Perform operations with multi-digit whole numbers and with decimals to hundredths.</p> <p>5.NBT.B.5</p> <p>Fluently multiply multi-digit whole numbers using the standard algorithms.</p>
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Friday	<p>Notes:</p> <p>Grade 5</p> <p>Unit 5:</p> <p>Multiply Multi-Digit Whole Numbers</p> <p>Lesson 7:</p> <p>Multiply Multi-Digit Factors Fluently</p>	<p>Objective:</p> <ul style="list-style-type: none"> • I can use an algorithm to multiply multi-digit factors. • I can explain how to use an algorithm to multiply. <p>Lesson Overview:</p> <ul style="list-style-type: none"> • TB p. 161-164 • Launch <ul style="list-style-type: none"> ○ p. 161- Be Curious <ul style="list-style-type: none"> ▪ Small Groups ▪ Students discuss how the algorithm and the partial products strategy align when multiplying multi-digit numbers. • Explore & Develop <ul style="list-style-type: none"> ○ p. 162- Learn <ul style="list-style-type: none"> ▪ Read and discuss the problem and steps presented. ▪ Do the Work Together question together to clarify what students need to do. • Practice & Reflect <ul style="list-style-type: none"> ○ p. 163-164- On My Own <ul style="list-style-type: none"> ▪ Partner/Independent Work ▪ Go over answers when students finish. • Assignment <ul style="list-style-type: none"> ○ WB p.49-50 <ul style="list-style-type: none"> ▪ Independent Work ▪ Students turn in for a grade. 	<p>Academic Standards:</p> <p>5.NBT.B</p> <p>Perform operations with multi-digit whole numbers and with decimals to hundredths.</p> <p>5.NBT.B.5</p> <p>Fluently multiply multi-digit whole numbers using the standard algorithms.</p>
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