

CURRICULUM MAP GRADE 4
NORTH SMITHFIELD SCHOOL DEPARTMENT

UNIT	COMMON CORE CLUSTERS AND STANDARDS Curriculum Common Core Math Grade4.docx	MATHEMATICAL PRACTICE
<u>UNIT 1</u> Use the four operations with whole numbers to solve problems.	<ul style="list-style-type: none"> Generalize place value understanding for multi-digit whole numbers. 4.NBT.1, 2, 3 Use the four operations with whole numbers to solve problems. 4.OA.1,2 	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. MP.1
<u>UNIT 2</u> Compute with multi-digit whole numbers. Generate equivalent fractions.	<ul style="list-style-type: none"> Gain familiarity with factors and multiples. 4.OA.4 Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.NBT.4, 5, 6 Extend understanding of fraction equivalence and ordering. 4.NF.1 Use the four operations with whole numbers to solve problems. 4.OA.3 	<ul style="list-style-type: none"> Reason abstractly and quantitatively. MP.2 Construct viable arguments and critique the reasoning of others. MP.3
<u>UNIT 3</u> Properties of operations with multi-digit arithmetic and addition/subtraction with fractions.	<ul style="list-style-type: none"> Generate and analyze patterns. 4.OA.5 Extend understanding of fraction equivalence and ordering. 4.NF.2 Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. 4.NF.3 Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. 4.MD.1 Use the four operations with whole numbers to solve problems. 4.OA.3 Use place value understanding and properties of operations to perform multi-digit arithmetic. 4.NBT.4 	<ul style="list-style-type: none"> Model with mathematics. MP.4 Use appropriate tools strategically. MP.5 Attend to precision. MP.6
<u>UNIT 4</u> Extend understanding of fractions and solve word problems. Introduction to decimals.	<ul style="list-style-type: none"> Extend understanding of fraction equivalence and ordering. 4.NF.4 Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. 4.NF.5,6 Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. 4.MD.3 Represent and interpret data. 4.MD.4 Use the four operations with whole numbers to solve problems. 4.OA.3 	<ul style="list-style-type: none"> Look for and make use of structure. MP.7 Look for and express regularity in repeated reasoning. MP.6
<u>UNIT 5</u> Compare decimals and measure/classify geometric figures.	<ul style="list-style-type: none"> Understand decimal notation for fractions, and compare decimal fractions. 4.NF.7 Geometric measurement: understand concepts of angle and measure angles. 4.MD.5 Draw and identify lines and angles, and classify shapes by properties of their lines and angles. 4.G.1, 2 Geometric measurement: understand concepts of angle and measure angles. 4.MD.6, 7 Draw and identify lines and angles, and classify shapes by properties of their lines and angles. 4.G.3 	