

CURRICULUM MAP GRADE 6
NORTH SMITHFIELD SCHOOL DEPARTMENT

UNIT	COMMON CORE CLUSTERS AND STANDARDS Curriculum Common Core Math Grade6.docx	MATHEMATICAL PRACTICE
<p>UNIT 1 Operations and Statistical Variability</p>	<ul style="list-style-type: none"> Apply and extend previous Understandings of multiplication and division to divide fractions by fractions. 6.NS.1 Compute fluently with multi-digit numbers and find common factors and multiples. 6.NS.2, 3 Apply and extend previous understandings of numbers to the system of rational numbers. 6.NS.5 Develop understanding of statistical variability. 6.SP.1, 2, 3 Summarize and describe distributions 6.SP.5 	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. MP.1 Reason abstractly and quantitatively. MP.2
<p>UNIT 2 Expressions</p>	<ul style="list-style-type: none"> Apply and extend previous understandings of arithmetic to algebraic expressions 6.EE.1,2, 3,4 Compute fluently with multi-digit numbers and find common factors and multiples. 6.NS.4 	<ul style="list-style-type: none"> Construct viable arguments and critique the reasoning of others. MP.3
<p>UNIT 3 Equations and Inequalities</p>	<ul style="list-style-type: none"> Reason about and solve one-variable equations and inequalities. 6.EE.5, 6, 7, 8 Solve real-world and mathematical problems involving area, surface area, and volume. 6.G.1, 2, 4 	<ul style="list-style-type: none"> Model with mathematics. ★ MP.4
<p>UNIT 4 Rational Numbers</p>	<ul style="list-style-type: none"> Apply and extend previous understandings of numbers to the system of rational numbers 6.NS.6,7 Apply and extend previous understandings of numbers to the system of rational numbers. 6.NS.8 Solve real-world and mathematical problems involving area, surface area and volume. 6.G.3 Summarize and describe distributions. 6.SP.4, 5 	<ul style="list-style-type: none"> Use appropriate tools strategically. MP.5
<p>UNIT 5 Ratio and Proportions</p>	<ul style="list-style-type: none"> Understand ratio concepts and use ratio reasoning to solve problems. 6.RP.1,2,3 Represent and analyze quantitative relationships between dependent and independent variables. 6.EE.9 	<ul style="list-style-type: none"> Attend to precision. MP.6 Look for and make use of structure. MP.7 Look for and express regularity in repeated reasoning. MP.6