Avon School **_Mathematics Curriculum_**	

Grade 4

Curriculum Overview

The Grade 4 Mathematics Curriculum will focus on three critical areas: (1) developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends; (2) developing an understanding of fration equivalence, addition and subtraction of frations with like denominators, and multiplication of fractions by whole numbers; (3) understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

The topics within this map are color coded to display the domains in which they correlate:
Whole Numbers: Place Value, Comparison, Addition and Subtraction
Operations: Multiplication, Division, and Algebraic Thinking
Multi-Digit Operations and Measurement
Fractions, Decimals, and Measurement
Geometry

Reference: New Jersey Department of Education. New Jersey Student Learning Standards, 2016.
Reference: New Jersey Department of Education Division of Teaching and Learning. Curricular Framework, 2016.

Topic Title	**Timeframe**	**New Jersey Student Learning Standards**
Lesson 0: First Five Days of Routine	_September_ _5 Days_	_3.NBT.A.1, 3.NBT.A.2_
Unit 1: Whole Numbers: Place Value, Comparison, Addition, and Subtraction	_September/October_ _25 days_	_4.NBT.A.1, 4.NBT.A.2. 4.NBT.A.3, 4.NBT.B.4_
Unit 2: Operations: Multipication, Division, and Algebraic Thinking	_October/December_ _24 days_	_4.OA.A.1, 4.OA.A.2, 4.OA.B.4, 4.NBT.B.4_
Unit 3: Multi-Digit Operations and Measurment	_December/January_ _28 days_	_4.NBT.B.5, 4.MD.A.1, 4.NBT.B.6_
Unit 4: Fractions, Decimals, Measurment	_January-March_ _55 days_	_4.NF.A.1, 4.NF.A.2, 4.NF.B.3, 4.NF.B.4, 4.NF.C.5, 4.NF.C.6, 4.NF.C.7_
Unit 5: Geometry and Measurment	_April-June_ _26 days_	_4.MD.C.5, 4.G.A.1, 4.MD.C.7, 4.G.A.2, 4.G.A.3_