

Avon School Mathematics Curriculum

Grade 3

Curriculum Overview

In Grade 3, the curriculum and instructional time focuses on four critical areas: (1) developing understanding of multiplication and division and strategies for multiplication and division within 100; (2) developing understanding of fractions, especially unit fractions (fractions with numerator 1); (3) developing understanding of the structure of rectangular arrays and of area; and (4) describing and analyzing two-dimensional shapes.

The topics within this map are color coded to display the domains in which they correlate:

Operations and Algebraic Thinking
Number and Operations in Base Ten
Numbers and Operations- Fractions
Measurement and Data
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
<i>Lesson 0: First Five Days of Routine</i>	<i>September (First 5 Days)</i>	<i>2.NBT.A.3, 2.NBT.A.4, 2.NBT.B.7, SMP 1-8</i>
<i>Unit 1: Three Digit Numbers- Place Value, Addition, Subtraction</i>	<i>September - October</i>	<i>3.NBT.A.1, 3.NBT.A.2</i>
<i>Unit 2: Multiplication & Division</i>	<i>October - December</i>	<i>3.OA.A.1, 3.OA.A.2, 3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.B.6, 3.OA.C.7, 3.OA.D.9, 3.NBT.A.3</i>
<i>Unit 3: Multiplication: Finding Area, Solving Word Problems, and Using Scaled Graphs</i>	<i>January - February</i>	<i>3.MD.C.5, 3.MD.C.5a, 3.MD.C.5b, 3.MD.C.6, 3.MD.C.7, 3.MD.C.7a, 3.MD.C.7b, 3.MD.C.7c, 3.MD.C.7d, 3.OA.A.3, 3.OA.D.8, 3.MD.B.3</i>
<i>Unit 4: Fractions: Equivalence and Comparison, Measurement & Data</i>	<i>February - March</i>	<i>3.NF.A.1, 3.NF.A.3a, 3.NF.A.3b, 3.NF.A.3d, 3.MD.B.4, 3.NF.A.3, 3.NF.A.3c</i>
<i>Unit 5: Measurement: Time, Liquid Volume, and Mass</i>	<i>April - May</i>	<i>3.MD.A.1, 3.MD.A.2</i>
<i>Unit 6: Shapes- Attributes, Area & Perimeter, Partitioning</i>	<i>May - June</i>	<i>3.G.A.1, 3.G.A.2, 3.MD.D.8</i>