Mathematics Grade 5 **Curriculum**
Grade Level 5

The Grade 5 Mathematics Curriculum focuses on three critical areas. The first is developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and division of fractions in limited cases (unit fractions divided by whole numbers divided by unit fractions). The second is extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations. The last area is developing understanding of volume.

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 Titles	Timeframe	New Jersey Student Learning Standards
Lesson 0: Try-Discuss-Connect Routine	**5 days (September)**	4.MD.A.3, 4.NBT.B.5
Unit 1: Whole Number Operations and Applications: Volume, Multiplication, and Division	**(September-October)**	5.MD.C.3, 5.MD.C.4, 5.MD.C.5, 5.MD.C.5b, 5.NBT.B.5, 5.NBT.B.6,
Unit 2: Decimals and Fractions: Place Value, Addition, and Subtraction	**(October-January)**	5.NBT.A.1, 5.NBT.A.2, 5.NBT.A.3, 5.NBT.A.3a, 5.NBT.A.3b, 5.NBT.A.4, 5.NBT.B.7, 5.NF.A.1, 5.NF.A.2,
Unit 3: More Decimals and Fractions Multiplication and Division	**(January-April)**	5.NF.B.3, 5.NF.B.4a, 5.NF.B.4b, 5.NF.B.6, 5.NF.B.7a, 5.NF.B.7b, 5.NF.B.7c
Unit 4: Measurement, Data, and Geometry	**(April-May)**	5.MD.A.1, 5.MD.B.2, 5.G.B.3, 5.G.B.4
Unit 5: Algebraic Thinking & the Coordinate Plane	**(May-June)**	5.OA.A.1, 5.OA.A.2, 5.G.A.1, 5.G.A.2, 5.OA.B.3