

**DISTRICT OF COLUMBIA PUBLIC SCHOOLS  
MATHEMATICS  
Pre-Kindergarten - Grade 12**

<i>Scope and Sequence</i>					
Grade	Number and Operation	Patterns, Functions, and Algebra	Data Analysis, Statistics, and Probability	Geometry and Spatial Sense	Measurement
Five	Multi-digit multiplication and division of whole numbers <b>Appetizers 8; 9; Main Dish Objective 8 (Multiplication) All Lessons; 9 (Division) All Lessons; Applications; Final Tests; Reasonableness Problems</b> Like and unlike fractions <b>Appetizers 10; Main Dish Objective 10 (Estimation) All Lessons; Applications; Final Tests; Reasonableness Problems</b>	Generalizing rule <b>Appetizers 2 B; Main Dish Objective 2 (Mathematical Relations) Lesson 2; Applications; Final Tests; Reasonableness Problems</b> Variables <b>Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems</b> Inverse operations <b>Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems</b> Linear equations <b>Appetizers 2 A; Main Dish Objective 2 (Mathematical Relations) Lesson 1; Applications; Final Tests; Reasonableness Problems</b> Ordered pairs <b>Appetizers 2 D; Main Dish Objective 2 (Mathematical Relations) Lesson 4; Applications; Final Tests; Reasonableness Problems</b>	Graphs <b>Appetizers 5 B; Main Dish Objective 5 (Probability/Statistics) Lesson 2; Applications; Final Tests; Reasonableness Problems</b> Measures of central tendency <b>Appetizers 5 E; Main Dish Objective 5 (Probability/Statistics) Lesson 5; Applications; Final Tests; Reasonableness Problems</b> Probability <b>Appetizers 5 A; Main Dish Objective 5 (Probability/Statistics) Lesson 1; Applications; Final Tests; Reasonableness Problems</b>	Triangles and angles <b>Appetizers 3 D; Main Dish Objective 3 (Geometry) Lesson 4; Applications; Final Tests; Reasonableness Problems</b> Polygons and polyhedra <b>Appetizers 3 A and B; Main Dish Objective 3 (Geometry) Lessons 1 and 2; Applications; Final Tests; Reasonableness Problems</b> Circles <b>Appetizers 4 F; Main Dish Objective 4 (Measurement) Lesson 6; Applications; Final Tests; Reasonableness Problems</b> Transformations <b>Appetizers 3 C; Main Dish Objective 3 (Geometry) Lesson 3; Applications; Final Tests; Reasonableness Problems</b>	Area, perimeter, and volume <b>Appetizers 4 D and E; Main Dish Objective 4 (Measurement) Lessons 4 and 5; Applications; Final Tests; Reasonableness Problems</b> Customary and metric units <b>Appetizers 4 B; Main Dish Objective 4 (Measurement) Lesson 2; Applications; Final Tests; Reasonableness Problems</b> Circumference <b>Appetizers 4 F; Main Dish Objective 4 (Measurement) Lesson 6; Applications; Final Tests; Reasonableness Problems</b>

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Grade	Number and Operation	Patterns, Functions, and Algebra	Data Analysis, Statistics, and Probability	Geometry and Spatial Sense	Measurement
Five	Decimals and ratios <b>Appetizers 5 D; 6 D;            Main Dish Objective 5            (Probability/Statistics)            Lesson 4; 6 (Addition)            Lesson 4; Applications;            Final Tests;            Reasonableness Problems</b> Greatest common factor <b>Appetizers 1 F; Main            Dish Objective 1            (Number Concepts)            Lesson 6; Applications;            Final Tests;            Reasonableness Problems</b> Least common multiples <b>Appetizers 1 C and D;            Main Dish Objective 1            (Number Concepts)            Lessons 3 and 4;            Applications; Final            Tests; Reasonableness            Problems</b> Integers <b>Appetizers 1 A            and B; Main Dish            Objective 1 (Number            Concepts) Lessons 1 and            2; Applications; Final            Tests; Reasonableness            Problems</b>			Scale drawings <b>Frugal            Field Trips</b> Coordinate grids <b>Appetizers 2 D; Main            Dish Objective 2            (Mathematical            Relations) Lesson 4;            Applications; Final            Tests; Reasonableness            Problems</b>	Time relationships <b>Appetizers 4 A; Main            Dish Objective 4            (Measurement)            Lesson 1;            Applications; Final            Tests; Reasonableness            Problems</b>