

Middlesex County Schools

Grade 4 Curriculum Map

*Revised 08/2014

WEEK	SOL	DESCRIPTION	RESOURCES
1	4.1a	Identify orally and in writing the place value for each digit in a whole number expressed through millions	
2	4.1b	Compare two whole numbers expressed through millions, using symbols (>, <, =)	
3	4.1c	Round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand	
4	4.4b	Add and subtract whole numbers	
5	4.4b	Add and subtract whole numbers	
6	4.4a	Estimate sums and differences of whole numbers	
7	4.4d	Solve single-step and multistep addition and subtraction problems with whole numbers.	
8	4.4b	Multiply whole numbers	
9	4.4b	Multiply whole numbers	
10	4.16b	Investigate and describe the associative property for addition and multiplication (review commutative property)	
11	4.5a	Determine common multiples and factors , including least common multiple and greatest common factor	
12	4.5a	Determine common multiples and factors , including least common multiple and greatest common factor	
13	4.5a/4.4c	Determine common multiples and factors , including least common multiple and greatest common factor Divide whole numbers finding quotients with and without remainders	
14	4.4c/4.4a	Divide whole numbers finding quotients with and without remainders Estimate quotients of a whole number	

15	4.4c/4.16a	Divide whole numbers finding quotients with and without remainders Recognize and demonstrate the meaning of equality in an equation	
16	4.2a/4.2c	Compare and order fractions and mixed numbers Identify the division statement that represents a fraction	
17	4.2b	Represent equivalent fractions	
18	4.5b/4.5d	Add and subtract fractions having like and unlike denominators that are limited to 2,3,4,5,6,8,10, and 12 and simplify the resulting fractions, using common multiples and factors Solve single-step and multistep practical problems involving addition and subtraction with fractions	
19	4.3a, d	Read, write, represent, and identify decimals expressed through thousandths Given a model, write a decimal and fraction equivalents	
20	4.3b, c	Round decimals to the nearest whole number, tenth, and hundredth Compare and order decimals	
21	4.5c/4.5d	Add and subtract decimals Solve single-step and multistep practical problems involving addition and subtract with decimals	
22	4.9	Determine elapsed time in hours and minutes within a 12-hour period	
23	4.9	Determine elapsed time in hours and minutes within a 12-hour period with word problems	
24	4.6a, b	Estimate and measure weight/mass and describe results in U.S. Customary and metric units as appropriate Identify equivalent measurements between units within the U.S. Customary system (ounces, pounds, and tons) and between units within the metric system (grams and kilograms)	

25	4.7a, b	<p>Estimate and measure length, and describe the result in both metric and U.S. Customary units</p> <p>Identify equivalent measurements between units within the U.S. Customary system (inches and feet; feet and yards; inches and yards; yards and miles) and between units within the metric system (millimeters and centimeters; centimeters and meters; and millimeters and meters)</p>	
26	4.8a, b	<p>Estimate and measure liquid volume and describe the results in U.S. Customary units</p> <p>Identify equivalent measurements between units within the U.S. Customary system (cups, pints, quarts, and gallons)</p>	
27	4.10a, b/ 4.11a, b	<p>Identify and describe representations of points, lines, line segments, rays, and angles, including endpoints and vertices</p> <p>Identify representations of lines that illustrate intersection, parallelism, and perpendicularity</p> <p>Investigate congruence of plane figures after geometric transformations such as reflection, translation, and rotation using mirrors, paper folding, and tracing</p> <p>Recognize the images of figures resulting from geometric transformations, such as translation, reflection, and rotation</p>	
28	4.12 a, b/ 4.14	<p>Define a polygon</p> <p>Identify polygons with 10 or fewer sides</p> <p>Collect, organize, display, and interpret data from a variety of graphs.</p>	
29	4.13 a, b/ 4.15	<p>Predict the likelihood of an outcome of a simple event</p> <p>Represent probability as a number between 0 and 1, inclusive</p> <p>Recognize, create, and extend numerical and geometric patterns</p>	
30-37	REVIEW	REVIEW	REVIEW

