

Middletown Public Schools
"Kid Language" Performance Standards
MATH
Grade 4

By January students will know or be familiar with:

M1

- Can you solve addition, subtraction, and multiplication facts?
- Can you read and write numbers to millions and give place values?
- Can you find missing numbers on number lines?
- What are some strategies that you use to solve 2-digit subtraction and addition problems?
- Can you read and write decimals to thousandths?
- Can you use decimals to write metric numbers?
- Can you name fractional parts of regions?
- Can you identify fractional parts of number lines?
- Can you name fractions that are the same?
- Can you rename fractions with large denominators?

M2

- Can you draw and name line segments, rays, and lines?
- Can you describe and draw right angles and parallel lines?
- Can you put quadrangles into categories by side and angles?
- Can you explain what a polygon is?
- Can you draw geometric figures?
- Can you estimate distances on a map using a scale?
- Can you measure line segments to the nearest mm?
- Can you identify points on a grid?
- Can you describe a right angle?
- Can you locate points on a coordinate grid?
- Can you measure and draw angles with a protractor?
- Can you identify the different angles?
- Can you use latitude and longitude to locate places on Earth?

M3

- Can you make number sentences using parenthesis?
- Can you solve open number sentences?

M4

- Can you use mean, median and mode?

M5

- What are your strategies for adding and subtracting multi-digit numbers?
- What are your strategies for solving number stories?

M6

- Can you find missing numbers on a number line?
- Can you use charts, graphs, or line plots to display data?
- Can you solve extended multiplication facts?
- Can you use money notation properly?
- Can you estimate lengths in metric units?
- Can you solve time problems?

M7

- Can you write names for numbers?
- Can you explain how multiplication and division are related?
- How do you figure out if number sentences are true or not?
- Do you know basic math vocabulary?

By June students will know or be familiar with:

M1

- Can you read and write numbers to trillions?
- Do you have a strategy for rounding to whole numbers?
- Can you use exponential notation?
- Can you write ratios as fractions and percents?
- Can you find the percent of a number?
- Can you equate fractions, decimals, and percents?
- Can you solve rate problems?
- Can you collect and compare rate data?
- Can you use rate tables to solve problems?

M2

- Can you use map scales to estimate distances?
- Can you use latitude and longitude to locate places on Earth?
- Can you identify lines of symmetry?
- Can you draw the reflection of a triangle?
- Can you translate and rotate designs?
- Can you calculate volume?
- Can you find the perimeter of polygons?
- Can you explain what the properties of a parallelogram are?
- Can you calculate the areas of various shapes?
- Can you make a scale drawing?
- Can you describe geometric solids?
- Can you solve cube-stacking problems?

M3

- Can you add and subtract signed numbers?

M4

- Can you find the median in a set of data?
- Can you find the mean in a set of data?

M5

- Can you use explain your strategies for solving number stories in multiplication and division?

M6

- Can you solve extended multiplication facts?
- Can you explain your strategies for solving multi-digit multiplication and division number stories?
- Can you add signed numbers to a number line?
- Can you use a calculator to change a fraction to a decimal or percent?
- Can you make magnitude estimates for multiplication?
- Can you measure in feet and inches?

M7

- Can you shade a percent of a region?
- Can you use data to solve problems?