



MOHAWK

Local School District

Preparing today's students for tomorrow's challenges

Mohawk Local Schools Grade 2 Math

Quarter 4 Curriculum Guide

Mathematical Practices

1. Make Sense of Problems and Persevere in Solving them
2. Reasoning Abstractly & Quantitatively
3. Construct Viable Arguments and Critique the Reasoning of Others
4. Model with Mathematics
5. Use Appropriate Tools Strategically
6. Attend to Precision
7. Look for and Make use of Structure
8. Look for and Express Regularity in Repeated Reasoning

Critical Areas of Focus Being Addressed:

- Measurement and Data

Content Statements Addressed and Whether they are Knowledge, Reasoning, Performance Skill, or Product:
 (DOK1) (DOK2) (DOK3) (DOK4)

Underpinning Targets Corresponding with Standards and Whether they are Knowledge, Reasoning, Performance Skill, or Product: "I can.....", "Students Will Be Able To....."

2.MD.8 Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have? (DOK 2)

- (DOK 1)
- I can identify and recognize the value of dollar bills, quarters, dimes, nickels, and pennies.
 - I can identify the \$ and ¢ symbol.
- (DOK 2)
- I can find the value of a collection of quarters, dimes, nickels, and pennies.

	<ul style="list-style-type: none"> • I can solve word problems involving dollar bills, quarters, dimes, nickels, and pennies using \$ and ¢ symbols appropriately. • I can solve word problems by adding and subtracting within 100, dollars with dollars and cents with cents (not using dollars and cents simultaneously) using the \$ and ¢ symbol appropriately.
<p>2.MD.1 Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. (DOK 3)</p>	<p>(DOK 1)</p> <ul style="list-style-type: none"> • I can identify tools that can be used to measure length. • I can identify the unit of length for the tool used (inches, centimeters, feet, meters). <p>(DOK 2)</p> <ul style="list-style-type: none"> • I can determine which tool to use to measure the length of an object. <p>(DOK 3)</p> <ul style="list-style-type: none"> • I can measure the length of objects by using appropriate tools.
<p>2.MD.2 Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen. (DOK 2)</p>	<p>(DOK 1)</p> <ul style="list-style-type: none"> • I can know how to measure the length of objects with different units. <p>(DOK 2)</p> <ul style="list-style-type: none"> • I can compare measurements of an object taken with two different units. • I can describe why the measurements of an object taken with two different units are different. • I can explain the length of an object in relation to the size of the units used to measure it.
<p>2.MD.3 Estimate lengths using units of inches, feet, centimeters, and meters. (DOK 2)</p>	<p>(DOK 1)</p> <ul style="list-style-type: none"> • I can know strategies for estimating length. • I can recognize the size of inches, feet, centimeters, and meters.

	<p>(DOK 2)</p> <ul style="list-style-type: none"> • I can estimate lengths in units of inches, feet, centimeters, and meters. • I can determine if estimate is reasonable.
<p>2.MD.4 Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit. (DOK 2)</p>	<p>(DOK 1)</p> <ul style="list-style-type: none"> • I can name standard length units. <p>(DOK 2)</p> <ul style="list-style-type: none"> • I can compare lengths of two objects. • I can determine how much longer one object is than another in standard length units.
<p>2.MD.5 Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem. (DOK 2)</p>	<p>(DOK 1)</p> <ul style="list-style-type: none"> • I can add and subtract lengths within 100. <p>(DOK 2)</p> <ul style="list-style-type: none"> • I can solve word problems involving lengths that are given in same units. • I can solve word problems involving length that have equations with a symbol for the unknown number.