

Integrating Technology Into the Grade 2 Math Curriculum

Strand: Number Sense

Understanding	Questions	Possible Technology Product/Outcome
Mathematical terminology and symbols are used in precise ways.	<ul style="list-style-type: none">• Why is it important to use precise mathematical vocabulary and symbols?• How does mathematical terminology relate to common English words?	<ul style="list-style-type: none">• Use <i>Mighty Math, Carnival Countdown, Bubble Band</i>, to develop skills in place value.• Use <i>Mighty Math Carnival Countdown, Giggle Factory</i>, to use the symbols for =, <, > to describe the relationship between two numbers.
All numbers have a distinct position on the real number line.	<ul style="list-style-type: none">• What is the relationship between the position of a number on the number line and the value of the number?• How can we use a number line to solve problems?	<ul style="list-style-type: none">• Use <i>Mighty Math Zoo Zillions, Number Line Express</i> to navigate a number line.

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<p>The results of an operation depend on the types of numbers involved.</p>	<ul style="list-style-type: none">• How does identifying the types of numbers involved in an operation assist in determining the reasonableness of the result?	<ul style="list-style-type: none">• Use <i>Mighty Math Zoo Zillions</i>, <i>Fish Stories</i>, to solve a story problem.• Use <i>Mighty Math Carnival Countdown</i>, <i>Snap Clowns</i>, to solve addition and subtraction problems.• Use <i>Kidspiration</i> to tell an addition or subtraction story.• Use <i>FactMaster</i> to practice math facts.
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Strand: Algebra (Patterns & Functions)

Many patterns exist in mathematics.	<ul style="list-style-type: none">• What are number patterns and why are they useful?• How can we find number or picture patterns?• Where do patterns exist in the physical world?	<ul style="list-style-type: none">• Use <i>Mighty Math Carnival Countdown</i>, <i>Carnival Cars</i>, to sort, classify, group, and order objects.• Use <i>Kidspiration SuperGrouper</i> or <i>KidPix</i> to sort and classify objects.
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Strand: Geometry and Measurement

<p>Mathematical terminology and symbols for geometry and measurement are used in precise ways.</p>	<ul style="list-style-type: none"> • Why is it important to use precise mathematical vocabulary and symbols? • How does mathematical terminology relate to common English words? 	<ul style="list-style-type: none"> • Use <i>Mighty Math Zoo Zillions, 3D Gallery</i>, to identify 3D geometric solids in various positions and orientations. • Use <i>Mighty Math Carnival Countdown, Pattern Block Roundup</i>, to identify, compare, and create symmetrical shapes.
<p>Different types of measurements are required depending on the situation or objects involved.</p>	<ul style="list-style-type: none"> • How do we use different types of measurements? 	<ul style="list-style-type: none"> • Use <i>Mighty Math Zoo Zillions, Gnu Ewe Boutique</i>, to practice basic money concepts. • Use <i>Trudy's Time and Place, Calendar Clock or Time Twins</i>, to practice specific time measurement. • Use <i>Kidspiration SuperGrouper</i> to calculate the value of coins and bills in combinations.

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Strand: Data, Statistics and Probability

<p>There are a variety of ways to represent, model, and analyze data and to predict future events.</p>	<ul style="list-style-type: none">• How can we use data to interpret events in the physical world and in our society?	<ul style="list-style-type: none">• Use <i>The Graph Club</i> to create, read and interpret tables and graphs.• Use <i>Trudy's Time and Place</i>, <i>Jelly Bean Hunt</i>, to develop an understanding of relative and cardinal directions and explore map scale.
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