



Sackets Harbor Central School

Third Grade Curriculum Map

Language Arts	Math	Science	Social Studies
<p>Third grade students will be following the common core standards for New York State.</p> <p>An overview can be found on http://www.engageny.org</p> <p>Reading: Key Ideas and Details Integration of Knowledge and Ideas Responding to Literature Craft and Structure Range of Reading Level and Text Complexity Phonics and Word Recognition Fluency</p> <p>Writing: Opinion Informative Explanatory Narratives Planning, revising, and editing Using Technology to produce and publish writing Short Research projects</p> <p>Speaking: Small group discussion norms Report on a topic or text Engage Audio recordings Complete Sentences</p> <p>Language: Conventions of Standard English Knowledge of Language Vocabulary acquisition and use</p> <p>Scholastic News: Current events in the U.S. and around the world Measurement and data Grammar Common Core Questioning</p> <p>The New York State English Language Arts (ELA) Test is given to third grade students in the spring. Test preparation is part of the curriculum.</p>	<p>Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> • Represent and solve problems involving multiplication and division. • Understand properties of multiplication and the relationship between multiplication and division. • Multiply and divide within 100. • Solve problems involving the four operations, and identify and explain patterns in arithmetic. <p>Measurement and Data</p> <ul style="list-style-type: none"> • Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. • Represent and interpret data. • Geometric measurement: understand concepts of area and relate area to multiplication and to addition. • Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures. <p>Telling time and finding elapsed time.</p> <p>Number and Operations in Base Ten</p> <ul style="list-style-type: none"> • Use place value understanding and properties of operations to perform multi-digit arithmetic. <p>Number and Operations—Fractions</p> <ul style="list-style-type: none"> • Develop understanding of fractions as numbers. <p>Geometry</p> <ul style="list-style-type: none"> • Reason with shapes and their attributes. <p>The New York Math Test is given to 3rd grade students in the Spring.</p>	<p>Measurement Using the metric system to measure length, mass, and capacity, and volume.</p> <p>Water and its Properties: Exploring the properties of water, Exploring the changes in water, interactions between water and other earth materials, and how humans use water.</p> <p>Structures of Life: Investigations of the Bess Beetle and crayfish habitats, Seeds and plants.</p> <p>Simple Machines and Technology Making work easier with simple machines such as a wedge, wheel and axle, lever, inclined plane, screw, and pulley.</p> <p>STEM challenges</p> 	<p>People build communities: geography, protecting natural resources Skills: landform maps, problem solving, bar graphs, line graphs</p> <p>Communities Have History: People moved West, immigrants, Great Migration, inventions change life-styles Skills: map scales, intermediate directions, compare/contrast</p> <p>Communities At Work: economics, choices, running a business Skills: flow charts, transportation maps</p> <p>Communities Have Governments: local, national, citizenship Skills: grid maps, cause/effect</p> <p>Many Cultures, One Country: sharing stories, celebrations Skills: hemispheres, using source material, decision-making</p> <p>Technology: Students will use a variety of programs on the laptops and iPads.</p> <p>Students will be participating in research projects and inquiries with the Library Media Specialist.</p>

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