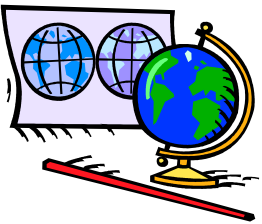




Sackets Harbor Central School

Fourth Grade Curriculum

Language Arts	Math	Science	Social Studies
<p>Comprehension Strategies: Sequence, making predictions, compare and contrast, summarize, cause and effect, fact vs. opinion, making inferences, drawing conclusions, identifying the main idea, categorizing, visualizing, asking questions, making connections, identifying story elements (setting, plot, problem, solution, characters, point of view, theme and genre), synthesizing</p> <p>Text Features: gathering information from maps, charts, graphs, tables, synthesizing, categorizing, captions, footnotes, heading, use of S-Q-R, index, table of contents, glossary, reference sources, thesaurus, primary and secondary sources</p> <p>Writing Skills: compare and contrast stories, personal narrative, thesis/proof stories, persuasive essays, explanatory paragraphs, planning with graphic organizers, revising and editing, conventions of written language</p> <p>NYS Modules: Iroquois, Colonial America, Age of Reform</p> <p>Guided Reading Groups: small group instruction using</p>	<p>Numeration: (whole numbers, fractions, and decimals), counting to millions, comparing, ordering, rounding</p> <p>Operations: addition and subtraction with whole numbers, fractions, and decimals, multiplication, and division with whole numbers</p> <p>Algebra: patterns, variables, equations, expressions</p> <p>Geometry: line, point, ray, segment, types of angles and angle measurement, plane figures, shapes, solids, symmetry, congruent and similar figures</p> <p>Measurement: area, perimeter, elapsed time, customary and metric measures of length, mass, and capacity</p> <p>Data Analysis and Probability: interpret and construct graphs, tables, charts, and line plots; identify median, mode, and range; predict outcomes</p> <p>Problem Solving Strategies: make an organized list, draw a picture, choose an operation, write an equation, guess and check, identify a pattern, work backward,</p>	<p>Life Science: plant structure and function, animal structure and function, energy in an ecosystem, adaptations, behaviors and structures that affect survival</p> <p>Physical Science: measuring matter, force and motion, electricity and magnetism, light and sound</p> <p>Earth Science: measuring weather, makeup of the earth, exploring the oceans, movements in the solar system</p> <p>Human Body: digestive, circulatory, and nervous systems; keeping your body systems healthy</p> <p>Inquiry Skills: observing, communicating, classifying, estimating and measuring, inferring, predicting, formulating questions and hypotheses, collecting and interpreting data, identifying and controlling variables, experimenting.</p> <p>The NYS Science 4 Test is given to 4th grade students in late</p>	<p>Primary focus for fourth graders is on New York State.</p> <p>Geography</p> <ul style="list-style-type: none"> - Overview of landforms and waterways of NYS - Reading elevation, political, physical, and relief maps - Understanding how landforms affect weather - Natural Resources - renewable and nonrenewable <p>Native Americans</p> <ul style="list-style-type: none"> - Five tribes of the Iroquois Confederacy government and daily life <p>Early Explorers</p> <ul style="list-style-type: none"> - European explorers <p>Early Settlers</p> <ul style="list-style-type: none"> - Simulation of early settlement - Dutch and English settlements <p>American Revolution</p> <ul style="list-style-type: none"> - Reasons for unrest - New York battles <p>Early Statehood</p> <ul style="list-style-type: none"> - Constitutional Conventions - 3 Branches of Government - Checks and Balances - Western Movement - Importance of steamboats, canals and railroads - Growth of business <p>Age of Reform</p> <ul style="list-style-type: none"> - Suffrage - Abolition - Civil War

<p>books at the student's reading level.</p> <p>Word Study Skills: Synonyms, antonyms, homophones, homographs, parts of speech, compound words, syllabication, verb forms, plurals, possessives, contractions, subject-verb agreement, prefixes, suffixes, and base words</p> <p><u>The New York State English Language Arts Test (ELA)</u> is given to fourth grade students in April. Test preparation is part of the curriculum.</p>	<p>make a table, act it out/visualize</p> <p><u>The NYS Math 4 Test</u> is given to 4th grade students in April. Test preparation is part of the curriculum.</p>	<p>May/June. Test preparation is part of the curriculum.</p>	<p>Growth of Business</p> <ul style="list-style-type: none"> - New inventions - Labor Unions - Child Labor Reform - Immigrant Communities <p>New Century</p> <ul style="list-style-type: none"> - World War I - Right to Vote - Harlem Renaissance - Great Depression - World War II - Suburban Growth <p>New York Today</p> <ul style="list-style-type: none"> - Agriculture - Manufacturing - Services - Government - Cultural Diversity 
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Sackets Harbor Central School

Fourth Grade Supply List

Backpack

3 single subject spiral notebooks

2 two pocket folders- plain colored folders please, one with **center clips**, one without (no cover designs or graphics)

8-12 pencils (one package)

2 pens (black/blue only)

Crayons or colored pencils (12-18)

Erasers (one package of pencil toppers or one large)

4"-6" scissors

2 glue sticks

Pencil box to organize small items (plastic, hard sided)

Calculator (basic functions +, -, x, %, nothing fancy)

3 packs of loose leaf lined paper (wide ruled)

1 one inch three ring binder to hold loose leaf paper

1 box of tissues

\$4.00 for planner to keep track of assignments

Bookmark

Hand-held pencil sharpener