

Fourth Grade Learning Plan
2007-2008

	September	October	November	December/January	February	March	April	May	June
Social Studies	Physical & Political Geography - Mountains - River sys. - Lakes	Native Americans - Early People Algonquin/Iroquois - Land bridges - Confederacy (Unity) - Exploration - Influences of Hudson, Champlain, Verrazano	Colonization - Dutch (Slavery) - British (Mayflower Compact - Unity) Geography Review - Appalachian Mt Chain - Rivers/Lakes - Populations	Colonization (cont'd) Revolution - Declaration of Independence - NYS Role - Battle of Saratoga - Causes - 13 Colonies Vocabulary (loyalist/colonists) Geography Review - NY location in 13 colonies - Fort locations and why	New Nation and Government Documents - Articles of Confederacy - Constitution - Bill of Rights	3 Branches of Government at each: - Federal - State - Local Industrial Growth and Expansion (Vocabulary: capital, natural resources, human resources) - Erie Canal - Inventions - Immigration	Industrial Growth and Expansion (cont.) Geography Review	Urbanization Exit Project →	Citizenship (1 week)
Curriculum Connection						Harriet Tubman			
Resource	DBQ 1		<u>Guests</u>		DBQ 3 and 6	DBQ 4	Industrial - Chapter 8 DBQ 5	DBQ 2	
Assessment						Government DBQ (Writing Folder)		Exit Project →	

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Science	Earth Science <ul style="list-style-type: none"> Discuss the processes that effect the earth's surface Weathering Erosion Glaciers Landforms (in connection with Social St.) 	Astronomy <ul style="list-style-type: none"> Determine basic needs of living things Generalize what is needed to support life Identify planets in our solar system Describe forces of gravity and inertia and the role they play in our solar system 	<ul style="list-style-type: none"> Review of September through November concepts 	Energy: Electric Circuits <ul style="list-style-type: none"> Review forms of energy light, heat, sound Describe changes in objects, how they interacted Describe how one form of energy can be transformed to another Describe electrical energy and how it travels 	Energy: Electric Circuits <ul style="list-style-type: none"> Review forms of energy light, heat, sound Describe changes in objects, how they interacted Describe how one form of energy can be transformed to another Describe electrical energy and how it travels 	Energy: Electric Circuits <ul style="list-style-type: none"> Review forms of energy light, heat, sound, mechanical Describe changes in objects, how they interacted Describe how one form of energy can be transformed to another Describe electrical energy and how it travels 	Plant study <ul style="list-style-type: none"> Describe interdependency of plants and animals Identify and describe the important parts of the plants and their functions Recognize traits of plants that are inherited and those learned Describe the sun as the energy source for plants Describe the water cycle 	Plant study <ul style="list-style-type: none"> Describe interdependency of plants and animals Identify and describe the important parts of the plants and their functions Recognize traits of plants that are inherited and those learned Describe the sun as the energy source for plants Describe the water cycle 	Matter: Powders and Crystals <ul style="list-style-type: none"> Observe and describe properties of matter Use a variety of appropriate tools to analyze matter Sort and classify matter according to properties Describe chemical and physical changes in matter 	Matter: Powders and Crystals <ul style="list-style-type: none"> Con't. with all concepts
Curriculum Pages	pp. 9-13	pp. 15-29	pp. 15-29		pp. 31-37	pp. 31-37	pp. 47-57	pp. 47-57	pp. 41-45	pp.41-45
Resource				OCM BOCES KIT: Electric Circuits			OCM BOCES Plant Life Cycles		OCM BOCES KIT: Powder Puzzles	
Assessment (5 assessments)	Earth Science		Astronomy/ Living/ Nonliving			Electric Circuits		Living Environment Plant Study		Powder and Crystals
Health	The concepts of good health habits, nutrition and safe healthy decision making are covered throughout the school year and are integrated with all content areas where appropriate.									

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Math	Number Sense <ul style="list-style-type: none"> Place Value to ten thousand Compare and order numbers to 10 thousand Composing and Decomposing numbers Operations <ul style="list-style-type: none"> Addition and Subtraction <ul style="list-style-type: none"> Numbers to 10,000 Rounding Estimating Evaluating Algebraic expressions Multiplication and Division <ul style="list-style-type: none"> Facts Inverse operations 2 digit by 1 digit Multiples of 10 2 digit by 1 digit Properties 		Operations <ul style="list-style-type: none"> Multiplication and Division <ul style="list-style-type: none"> Facts Inverse operations Divisibility rules Multiples of 10 Concept of remainders 2 digit by 1 digit Statistics and Probability <ul style="list-style-type: none"> Collect data Represent data <ul style="list-style-type: none"> Bar Pictographs Tables Make predictions based on data Draw conclusions from data Measurement <ul style="list-style-type: none"> Identify polygons by sides and angles Perimeter and area of rectangles Identify and define vertices, faces, edges of 3D shapes Make change Elastice time 			Number Sense <ul style="list-style-type: none"> Equivalent fractions Compare and order proper fractions Measurement <ul style="list-style-type: none"> Measure in in. ft. yd., cm. M Measure mass in grams Measure capacity liter and mL <p style="text-align: center;"><u>Post Assessment Skills</u></p> Number Sense <ul style="list-style-type: none"> Fractions <ul style="list-style-type: none"> Equivalence Ordering and comparing unit fractions Adding and subtracting proper fractions Decimals <ul style="list-style-type: none"> Place value to hundredths Reading and writing decimals Ordering and comparing decimals Adding and subtracting Decimal and Fraction equivalence 		Operations <ul style="list-style-type: none"> 2 digit x 2 digit Long and short multiplication Partial products Problem solving Geometry <ul style="list-style-type: none"> Vocabulary Angles Lines Statistics <ul style="list-style-type: none"> Compose questions from data Collection of data Read and interpret data 		
Process Skills	<i>Process skills will be reinforced throughout unit as students investigate, problem solve, reason, and communicate in mathematics.</i>		<i>Process skills will be reinforced throughout unit as students investigate, problem solve, reason, and communicate in mathematics.</i>			<i>Process skills will be reinforced throughout unit as students investigate, problem solve, reason, and communicate in mathematics.</i>		<i>Process skills will be reinforced throughout unit as students investigate, problem solve, reason, and communicate in mathematics.</i>		
Fact Fluency	Multiplication Tables 0-9 (8 sec)		Division facts with divisors 0-9 (8 sec)			Multiplication tables 0-9 (6 sec)		Division facts with divisors 0-9 (6 sec)		
Curriculum Pages	Pages 1 - 16 (Unit 1)		Pages 1 - 18 (Unit 1) Pages 19 - 24 (Unit 2)			Pages 25 - 36 (Unit 3)		Pages 37 - 42 (Unit 4)		
Assessment	Benchmark 4 - 1 - 1		Benchmark 4 - 1 - 2 Benchmark 4 - 2 - 1 Benchmark 4 - 1 - 3			Benchmark 4 - 3 - 1 Benchmark 4 - 3 - 2		Benchmark 4 - 4 - 1 Benchmark 4 - 4 - 2		

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ELA	September	October	November	December	January	February	March	April	May	June
Book list	<u>Charlotte's Web</u>	See District Book List	See District Book List	See District Book List	<u>Shiloh</u>	<u>Shiloh</u>	<u>Because Of Winn Dixie</u>	<u>Because Of Winn Dixie</u>	See District Book List	See District Book List
Reading Street	<p>Historical Fantasy <u>Lewis and Clark and Me</u></p> <p>Novel <u>Charlotte's Web</u></p> <p>Leveled Readers</p>	<p>Modern Fairy Tale <u>The Horned Toad Prince</u></p> <p>Narrative Nonfiction <u>Letters Home From Yosemite</u></p> <p>Fiction <u>What Jo Did</u></p> <p>Leveled Readers</p>	<p>Historical Fiction <u>Coyote School News</u></p> <p>Play <u>Grace and the Time Machine</u></p> <p>Biography <u>Marvin of the Great North Woods</u></p> <p>Leveled Readers</p>	<p>Expository Nonfiction <u>So You Want to Be President?</u></p> <p>Fantasy <u>The Stranger</u></p> <p>Photo Essay <u>Adelina's Whale</u></p> <p>Leveled Readers</p>	<p>Pourquoi Tale <u>How Night Came from the Sea</u></p> <p>Expository Nonfiction <u>Eye of the Storm</u></p> <p>Novel <u>Shiloh</u></p> <p>Leveled Readers</p>	<p>Historical Fiction <u>The Houdini Box</u></p> <p>Expository Play <u>The King in the Kitchen</u></p> <p>Leveled Readers</p>	<p>Realistic Fiction <u>Encyclopedia Brown and the Case...</u></p> <p>Historical Fiction <u>Sailing Home</u></p> <p>Novel <u>Because of Winn Dixie</u></p> <p>Leveled Readers</p>	<p>Historical Fiction <u>Amelia and Eleanor Go for a Ride</u></p> <p>Journal <u>Antarctic Journal</u></p> <p>Leveled Readers</p>	<p>Science Fiction <u>Moonwalk</u></p> <p>Biography <u>My Brother Martin</u></p> <p><u>Jim Thorpe's Bright Path</u></p> <p>Realistic Fiction <u>How Tia Lola Came to Stay</u></p> <p>Leveled Readers</p>	<p>Biography <u>To Fly: The Story of the Wright Brothers</u></p> <p>Narrative Nonfiction <u>The Man Who Went to the far Side of the Moon</u></p> <p>Leveled Readers</p>
Target Skills	<p><i>This Land Is Your Land</i> 4.1 Weeks 1-3</p> <ul style="list-style-type: none"> Word Structure Sequencing Summarizing Declarative and Interrogative Sentences Author's Purpose Imperative and Exclamatory Sentences Subjects and Predicates Spelling: short vowel vccv, a and i, long o 	<p><i>This Land Is Your Land</i> 4.1 Weeks 4-6 <i>Work and Play</i> 4.2 Week 1</p> <ul style="list-style-type: none"> Dictionary Sequence Long e,o,u Subjects and Predicates Clauses and Complex Sentences Main Idea Compound Sentences Draw Conclusions Cause and Effect Word Structure Adding s and es 	<p><i>Work and Play</i> 4.2 Weeks 2-4</p> <ul style="list-style-type: none"> Fact/Opinion Monitor and Fix Up Setting Compare/Contrast Word Structure Dictionary/Glossary Consonant Draw Conclusions Answer Questions Pairs: ng, nk, ph, wh Words with ar, or, ear, ir, our, ur Nouns: singular possessive, irregular plural 	<p><i>Work and Play</i> 4.2 Weeks 5-6 <i>Patterns in Nature</i> 4.3 Weeks 1-2</p> <ul style="list-style-type: none"> Main Idea Summarize Cause and Effect Fact and Opinion Generalize Context Clues Adding ed and ing Homophones Action and Linking Verbs Helping Verbs Nouns: Plural Possessives 	<p><i>Patterns in Nature</i> 4.3 Weeks 3-6</p> <ul style="list-style-type: none"> Generalize Visualize Cause/Effect Context Clues Graphic Sources Subject-Verb Agreement Predict Word Structure Story Structure Compound Words Irregular Verbs Past, Present, Future Tenses Author's Purpose 	<p><i>Puzzles and Mysteries</i> 4.4 Weeks 1-3</p> <ul style="list-style-type: none"> Compare/Contrast Predict Plot, Character, Setting Context Clues Singular/Plural Pronouns Visualize Generalize Subject/Object Pronouns Graphic Sources Dictionary/Glossary Pronouns and Antecedents 	<p><i>Puzzles and Mysteries</i> 4.4 Weeks 4-6 <i>Adventures by Land, Air, and Water</i> 4.5 Week 1</p> <ul style="list-style-type: none"> Graphic Sources Ask Questions Main Idea Word Structure Possessive Pronouns Plot Compare/Contrast Context Clues Contractions and Negatives Author's Purpose Predict 	<p><i>Adventures by Land, Air, and Water</i> 4.5 Weeks 2-4</p> <ul style="list-style-type: none"> Compare/Contrast Visualize Sequence Word Structure Comparative and Superlative Adjectives Sequence Story Structure Draw Conclusions Context Clues Adverbs Main Idea Text Structure Comparative 	<p><i>Adventures by Land, Air, and Water</i> 4.5 Weeks 5-6 <i>Reaching For Goals</i> 4.6, Weeks 1-3</p> <ul style="list-style-type: none"> Draw Conclusions Theme Prepositions and Phrases Cause/Effect Word Structure Conjunctions Fact/Opinions Text Structure Dictionary/Glossary Capitalization Character Theme Summarize 	<p><i>Reaching For Goals</i> 4.6 Weeks 4-6</p> <ul style="list-style-type: none"> Generalize Ask Questions Context Clues Quotations Graphic Sources Encyclopedia Titles

		<ul style="list-style-type: none"> Common and Proper Nouns 					<ul style="list-style-type: none"> Sequence Adjectives and Articles 	and Superlative Adverbs	<ul style="list-style-type: none"> Context Clues Commas 	
ELA	September	October	November	December	January	February	March	April	May	June
Speaking and Listening	<ul style="list-style-type: none"> Retelling Listening to a Story Introduction Analyze an Illustration Listen to an Advertisement 	<ul style="list-style-type: none"> Oral Report Analyze Photos Debate Analyze a Photo Analyze Media 	<ul style="list-style-type: none"> Newscast Dramatization Analyze Media Job Description Press Conference Analyze a Speech 	<ul style="list-style-type: none"> Persuasive Speech Listen to Poetry Interview 	<ul style="list-style-type: none"> Listen to Audio Analyze Photographs Persuasive Speech 	<ul style="list-style-type: none"> Interview Listen to Media Analyze Media Analyze Commercials 	<ul style="list-style-type: none"> Retelling Listen to a story Analyze Media Newscast Dramatization 	<ul style="list-style-type: none"> Radio Announcement Analyze A Photo Listen to a Speech Interview 	<ul style="list-style-type: none"> First Person Speech Listen to Media How to Analyze an illustration Debate 	<ul style="list-style-type: none"> Interview Listen to Music Informational Speech Analyze a Photo
Assessment	<p>Practice ELA - (9/17-27) Multiple Choice</p> <p>(The rest of the test needs to be used as a teaching tool.)</p> <p>SRI</p>	<p>Unit 1 Test Fluency</p> <p>Unit 1 Test 1-11A, 12-22B, 23-41</p> <p>(You do not need to go beyond the editing section.)</p>	<p>Practice ELA Complete Test - (11/1-11/8)</p>		<p>ELA State Test - (1/7/08-1/11/08)</p> <p>SRI</p>		<p>Unit 4 Test With Fluency (no writing component)</p> <p>(You do not need to go beyond the editing section.)</p>		<p>Unit 6 Fluency Test</p>	<p>End of Year Test Questions 1-61</p> <p>(You do not need to go beyond the editing section.)</p> <p>SRI</p>
Writing	<p>Required for Folder</p> <p>1. Story 2. Persuasive Essay 3. Research Report</p> <p>4. How-to Report 5. Compare/Contrast 6. Personal Narrative 7. Government DBQ</p> <p>Students and teachers must use the district rubrics that were created by the teachers.</p>									

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