

Second Grade Pacing Guide, 2016-2017 – Year-Round

FIRST NINE WEEKS	Month	English Language Arts	Math	Science	Social Studies	
	July	Unit 1: Seasonal Weather	<p>RL.2.1/RI.2.1: Determine what the text says - inference/ evidence</p> <p>RL.2.5/RI.2.5: Analyze the structure of the text</p> <p>RL.2.7/RI.2.7: Integrate and evaluate content in diverse media</p> <p>W.2.1: Write opinion pieces and supply support</p> <p>W.2.3: Write narratives</p> <p>W.2.5: Develop and strengthen writing (plan/revise/edit)</p> <p>W.2.6: Use digital tools to produce and publish writing</p> <p>SL.2.1a-c: Conversation and collaboration</p> <p>SL.2.4: Present information</p> <p>L.2.1a-d: Conventions of standard English grammar and usage (collective nouns, irregular plural nouns, reflexive pronouns, irregular verbs)</p> <p>L.2.2e: Conventions of standard English – mechanics</p> <p>L.2.3a: Knowledge of language function</p> <p>L.2.5a,b: Word relationships (figurative language)</p> <p>RF.2.3a,f: Phonics and word recognition</p> <p>RF.2.4a-c: Fluency</p>	<p>2.MD.6: Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.</p> <p>2.OA.1: Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.</p> <p>2.MD.10: Draw picture and bar graphs to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.</p>	<p>Science Safety</p> <p>Students will identify and apply basic science classroom safety rules and procedures.</p>	<p>2.E.1: Understand basic economic concepts.</p> <ul style="list-style-type: none"> 2.E.1.6: Summarize the role of financial institutions relative to savings. <p>2.C&G.1: Understand the purpose of governments.</p> <ul style="list-style-type: none"> 2.C&G.1.1: Explain government services and their value to the community (libraries, schools, parks, etc.). <p>2.C&G.2: Understand the roles and responsibilities of citizens.</p> <ul style="list-style-type: none"> 2.C&G.2.2: Explain why it is important for citizens to participate in their community. <p>2.C.1: Understand how various cultures influence communities.</p> <ul style="list-style-type: none"> 2.C.1.1: Explain how artistic expressions of diverse cultures contribute to the community (stories, art, music, food, etc.). 2.C.1.3: Exemplify respect and appropriate social skills needed for working with diverse groups.
	September	<p>RL.2.2/RI.2.2: Central ideas/themes/summary</p> <p>RL.2.3/RI.2.3: Analyze text structure (individuals/events/ ideas)</p> <p>RL.2.4/RI.2.4: Interpret words and phrases (word choice)</p> <p>RL.2.6/RI.2.6: Point of view/purpose</p> <p>W.2.1: Write opinion pieces and supply support</p> <p>W.2.2: Write to inform/explain</p> <p>W.2.5: Develop and strengthen writing (plan/revise/edit)</p> <p>W.2.6: Produce and publish writing</p> <p>SL.2.2: Integrate and evaluate information in diverse media</p> <p>SL.2.3: Speaker's point of view</p> <p>L.2.1e-f: Conventions of standard English-grammar</p>	<p>Unit 1: Solve Problems Involving Addition and Subtraction</p> <p>2.MD.6: Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.</p> <p>2.OA.1: Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.</p>	<p>Forces and Change</p> <p>2.P.2.1: Give examples of matter that change from a solid to a liquid and from a liquid to a solid by heating and cooling.</p> <p>2.P.2.2: Compare the amount (volume and weight) of water in a container before and after freezing.</p>		
September					<p>Unit 1: Can We All Just Get Along?</p>	

SECOND NINE WEEKS	Month	English Language Arts	Math	Science	Social Studies
	October	<p>Unit 2: The American 1800's</p> <p>L.2.2a-e: Conventions of standard English-mechanics L.2.4a,e: Determine/clarify meaning of words L.2.6: Range of vocabulary (academic/domain-specific) RF.2.3b,e,f: Phonics and word recognition RF.2.4a-c: Fluency</p>	<p>2.MD.1: Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measurement tapes. 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. 2.MD.3: Estimate lengths using units of inches, feet, centimeters, and meters. 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.</p>	<p>2.P.2.3: Compare what happens to water left in an open container over time as to water left in a closed container.</p>	<p>2.H.1: Understand how various sources provide information about the past.</p> <ul style="list-style-type: none"> 2.H.1.1: Use timelines to show sequencing of events. 2.H.1.3: Compare various interpretations of the same time period using evidence such as photographs and interviews. <p>2.C&G.1: Understand the purpose of governments.</p> <ul style="list-style-type: none"> 2.C&G.1.2: Explain how governments establish order, provide security, and create laws to manage conflict. <p>2.C&G.2: Understand the roles and responsibilities of citizens.</p> <ul style="list-style-type: none"> 2.C&G.2.1: Exemplify characteristics of good citizenship through historical figures and everyday citizens. <p>2.C.1: Understand how various cultures influence communities.</p> <ul style="list-style-type: none"> 2.C.1.2: Recognize the key historical figures and events that are associated with various cultural traditions.
	November	<p>Unit 3: Surprising Friends</p> <p>RL.2.2/RI.2.2: Central ideas/themes/summary RL.2.3/RI.2.3: Analyze text structure (individuals/events/ ideas) RL.2.5/RI.2.5: Analyze the structure of the text</p> <p>W.2.1: Write opinion pieces and supply support W.2.3: Write narratives W.2.5: Develop and strengthen writing (plan/revise/edit) W.2.6: Produce and publish writing SL.2.3: Speaker's point of view L.2.3: Knowledge of language function L.2.4: Determine/clarify meaning of words L.2.2a,b,d: Conventions of standard English-mechanics L.2.3a: Knowledge of language function RF.2.3b,c,e,f: Phonics and word recognition RF.2.4a-c: Fluency</p>	<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). 2.MD.9: Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object.</p>	<p>2.E.1.1: Summarize how energy from the sun serves as a source of light that warms the land, air, and water.</p>	
	December		<p>Unit 3: Describing and Analyzing Shapes</p> <p>2.G.1: Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. 2.G.3: Partition circles and rectangles into two, three, or four equal shares. Describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths.</p>	<p>2.E.1.2: Summarize weather conditions using qualitative and quantitative measures to describe temperature, wind direction, wind speed, and precipitation.</p>	

THIRD NINE WEEKS	Month	English Language Arts	Math	Science	Social Studies
	January	Unit 4: Freedom RL.2.1/RI.2.1: Determine what the text says – inference/ evidence RL.2.6/RI.2.6: Point of view/ purpose RL.2.8/RI.2.8: Delineate and evaluate arguments/evidence W.2.1: Write arguments/opinion W.2.2: Write to inform/explain W.2.7: Research projects W.2.8: Gather relevant information/synthesize SL.2.2: Integrate and evaluate information in diverse media SL.2.4: Present information L.2.5a,b: Word relationships (figurative language) RF.2.3c,e,f: Phonics and word recognition RF.2.4a,c: Fluency	Unit 4: Extending Understanding of Base Ten 2.NBT.1: Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones. 2.NBT.2: Count within 1,000; skip-count by 5s, 10s, and 100s. 2.NBT.3: Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form. 2.NBT.4: Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons. 2.NBT.5: Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. 2.NBT.6: Add up to four two-digit numbers using strategies based on place value and properties of operations. 2.NBT.9: Explain why addition and subtraction strategies work, using place value and the properties of operations.	2.E.1.3: Compare weather patterns that occur over time and relate observable patterns to time of day and time of year.	Unit 3: Show Me the Money! 2.H.1: Understand how various sources provide information about the past. • 2.H.1.2: Identify contributions of historical figures (community, state, nation, and world) through various genres. 2.G.1: Use geographic representations, terms, and technology to process information from a spatial perspective. • 2.G.1.1: Interpret maps of the school and community that contain symbols, legends, and cardinal directions. 2.G.2: Understand the effects of humans interacting with their environment. • 2.G.2.1: Give examples of ways in which people depend on the physical environment and natural resources to meet basic needs. 2.E.1: Understand basic economic concepts. • 2.E.1.1: Give examples of ways in which businesses in the community meet the needs and wants of consumers. • 2.E.1.2: Explain the roles and impact producers and consumers have on the economy. • 2.E.1.3: Summarize the concept of supply and demand.
	February			2.NBT.7: Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones, and sometimes it is necessary to compose or decompose tens or hundreds. 2.NBT.8: Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.	
	March	Unit 5: International Folktales RL.2.3/RI.2.3: Analyze text structure (individuals/events/ ideas) RL.2.4/RI.2.4: Interpret words and phrases (word choice) RI.2.7: Explain how specific images contribute to and clarify a text. RL.2.9/RI.2.9: Analyze topic/theme of texts/authors RL.2.10/RI.2.10: Text complexity W.2.2: Write to inform/explain W.2.3: Write narratives W.2.7: Research projects W.2.8: Gather relevant information/synthesize SL.2.3: Speaker’s point of view SL.2.5: Understanding of presentations	2.L.2.1: Summarize the life cycle of animals including birth, developing into an adult, reproducing, aging, and death.		
		Earth Systems, Structures, and Processes	Living Structures and Functions of Organisms		

FOURTH NINE WEEKS	Month	English Language Arts		Math		Science		Social Studies	
	March	Unit 5: International Folktales	<p>L.2.1e: Conventions of standard English-grammar L.2.4a-e: Determine/clarify meaning of words L.2.6: Range of vocabulary (academic/domain-specific) RF.2.3d,e,f: Phonics and Word Recognition RF.2.4a-c: Fluency</p>	Unit 5: Application of Operations and Algebraic Thinking	<p>2.OA.3: Determine whether a group of objects (up to 20) has an odd or even number of members (e.g., by pairing objects or counting them by 2s); write an equation to express an even number as a sum of two equal addends. 2.OA.4: Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends. 2.G.2: Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.</p>	Structures of Living Organisms	<p>2.L.1.2: Compare life cycles of other animals such as, but not limited to, mealworms, ladybugs, crickets, guppies, or frogs.</p>	Unit 4: Are We There Yet?	<p>2.G.1: Use geographic representations, terms, and technology to process information from a spatial perspective.</p> <ul style="list-style-type: none"> 2.G.1.2: Interpret the meaning of symbols and the location of physical and human features on a map (cities, railroads, highways, countries, continents, oceans, etc.). <p>2.G.2: Understand the effects of humans interacting with their environment.</p> <ul style="list-style-type: none"> 2.G.2.2: Explain how people positively and negatively affect the environment.
	April		<p>RL.2.5/RI.2.5: Analyze the structure of the text RL.2.7: Use from illustrations and words in text to demonstrate understanding of its characters, setting, or plot. RI.2.8: Describe how reasons support specific points the author makes in a text. RL.2.9/RI.2.9: Draw evidence (write to sources) W.2.2: Write to inform/explain W.2.3: Write narratives W.2.7: Research projects W.2.8: Gather relevant information/synthesize SL.2.6: Produce complete sentences when appropriate to task and situation in order to provide requested detail or clarification. L.2.6: Range of vocabulary (academic/domain-specific) RF.2.3c,d,f: Phonics and word recognition RF.2.4a-c: Fluency</p>		<p>2.MD.7: Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m. 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?</p>		Evolution and Genetics		<p>2.L.2.1: Identify ways in which plants and animals closely resemble their parents in observed appearance and ways they are different.</p>
	May	Unit 6: Healthy Body Systems	<p>2.L.2.2: Recognize that there is variation among individuals that are related.</p>		<p>2.E.1.1: Understand basic economic concepts.</p> <ul style="list-style-type: none"> 2.E.1.4: Explain why people and countries around the world trade for goods and services. 2.E.1.5: Explain how money is used for saving, spending, borrowing, and giving. 				
June									