Third Grade - Science Map

Kay Carvajal

Week	Unit Name (Topic)	Lesson	Objectives	Standards and Eligible Content	Resources	Assessments	Adaptations Modifications	Vocab
Aug.	Growing and Learning What can stories teach you?	Unit 1 Week 1	Common Characteristics of Life	3.1.3.A1 Describe characteristics of living things that help to identify and classify them	Reading (Wonders) Text Book Bill Nye Video	Cooperative learning Class discussion	Graphic Organizer	Discovery
Sept.	Growing and Learning What can traditions teach you about cultures?	Unit 1 Week 2	Consistency and Change	3.1.3.C3 Recognize that fossils provide us with information about living things that inhabited the Earth long ago.	Reading (Wonders) Text Book Wonders Workbook Discovery Education Website	KWL chart Cooperative learning Class discussion	Graphic Organizer Guided Notes	precious symbols traditions
Sept.	How do people from different cultures contribute to a community?	Unit 1 Week 3	Consistency and Change	3.1.3.C3 Recognize that fossils provide us with information about living things that inhabited the	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	community contribute scared

				Earth long ago	Fossil Kit			
Sept.	How can problem solving lead to new ideas?	Unit 1 Week 4	Energy	3.4.3.B4 Illustrate how people have made tools to provide food, clothing, and shelter. 3.4.3.C1 Recognize design is a creative process and everyone can design solutions to problems. 3.4.3.C3 Recognize that all products and systems are subject to failure, many products and systems can be fixed.	Reading (Wonders) Text Book Teacher Created Powerpoint Smartboard Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Design Examine Investigation Quality Simple Solution Substitutes
Oct.	How do landmarks help us understand our country's story?	Unit 1 Week 5	Constancy and Change	3.1.3.C3 Recognize that fossils provide us with information about living things that inhabited the Earth long ago	Reading (Wonders) Text Book Wonders Workbook		Graphic Organizer Guided Notes	Carved Clues Grand Landmark Massive Monument National Traces

Oct.	Cooperation Why is working together a good way to solve a problem?	Unit 2 Week 1	Energy	3.4.3.D1 Identify people's needs and wants and define some problems that can be solved through the design process 3.4.3.D3 Collect information about everyday products and systems by asking questions	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Attempt Cooperation Created Interfere Involved
Oct./ Nov.	Immigration Why do people immigrate to new places?	Unit 2 Week 2	Energy	3.4.3.E7 Recognize that people live, work, and go to school in buildings representing different types of structures	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Arrived Immigrated Inspected Moment Opportunity Valuable
Nov.	Government How do people make government work?	Unit 2 Week 3	Common Characteristics of life	3.1.3.A1 Describe characteristics of living things that help to identify and classify them	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Decision Estimate Independent

Nov.	Survival How can people help animals survive?	Unit 2 Week 4	Common Characteristics of life	3.1.3.A1 Describe characteristics of living things that help to identify and classify them. life	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Caretakers Population Recognized Relatives Resources Success Survived Threatened
Dec.	Figure it Out How do people figure things out	Unit 2.1 Week 5	Energy	3.4.3.D1 Identify people's needs and wants and define some problems that can be solved through the design process. 3.4.3.D3 Collect information about everyday products and systems by asking questions.	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Imagine Inventor Observer
Dec.	Be Unique What makes different animals unique?	Unit 3 Week 1	Patterns	3.1.3.B5 Identify characteristics that appear in both parents and offspring. 3.1.3.C1 Recognize that plants survive through adaptations, such	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Features Unique

				as stem growth towards light and root growth downward in response to gravity. 3.1.3.C2 Recognize that many plants and animals can survive harsh environments because of seasonal behaviors (e.g. hibernation, migration, trees shedding leaves).				
Jan.	Leadership How can one person change the way you think?	Unit 3 Week 2	Energy	3.4.3.C1 Recognize design is a creative process and everyone can design solutions to problems.	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Temporary
Jan.	Discoveries What do we know about Earth and its neighbors?	Unit 3 Week 3	Energy	3.3.3.B1 Describe the changes that occur in the observable shape of the moon	Reading (Wonders) Text Book Wonders	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Amount Astronomy Globe Solar System Support

				over the course of a month	Workbook			Surface Temperature Warmth
Jan.	New Ideas What ideas can we get from nature?	Unit 3 Week 4	Energy	3.4.3.A1 Identify how the natural made world and the human made world are different	Reading (Wonders) Text Book Wonders Workbook	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Effective Example Identical Imitate Material Model Observed Similar
Feb.	Value the Past How is each event in history unique?	Unit 3 Week 5	Energy	3.4.3.A1 Identify how the natural made world and the human made world are different 3.4.3.A2 Identify how the natural made world and the human made world are different 3.4.3.B1 Describe how using technology can be good or bad	Reading (Wonders) Text Book Wonders Workbook	Think Pair Share Class discussion	Graphic Organizer Guided Notes	Agreeable Descendants Emigration Pioneers Transportation Vehicles
Feb.	Adaptations How do animals adapt to challenges in their habitat?	Unit 5 Week 2	Describe characteristics of living things that help to	3.1.3.B5 Identify characteristics that appear in both	Reading (Wonders) Text Book Wonders	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Alert Competition Environment Prefer Protection

			identify and classify them	parents and offspring 3.1.3.C1 Recognize that plants survive through adaptations such as stem growth towards light and root growth downward in response to gravity. 3.1.3.C2 Recognize that many plants and animals can survive harsh environments because of seasonal behaviors (e.g. hibernation, migration, trees shedding leaves)	Workbook Bill Nye Video			Related Shelter
Feb/ March	Reuse and Recycle How can we reuse what we already have?	Unit 4 Week 2	Common characters of life Energy	3.1.3.A1 Describe characteristics of living things that help to identify and classify them. 3.4.3.B2	Reading (Wonders) Text Book Wonders Workbook Discovery	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Conservation Discouraged Recycling Remaining Tinkered

				Explain how materials are reused or recycled	Education Website			
Mar	Energy What are different kinds of energy?	Unit 5 Week 5	Constancy and Change	3.2.3.A5 Recognize that everything is made of matter 3.2.3.B1 Explain how movement can be described in many ways 3.2.3.B2 Explore energy's ability to cause motion or create change Explore how energy can be found in moving objects, light, sound, and heat	Text Book Bill Nye Video Brain Pop	Cooperative learning Class discussion	Graphic Organizer Guided Notes	Energy Natural Pollution Produce Renewable Replace Sources Traditional
May	Treasures How do you decide what's important?	Unit 6 Week 1	Common Characteristics of Life	3.1.3.A1 Describe characteristics of living things that help to identify and classify them 3.1.3.A2 Describe the basic	Reading (Wonders) Text Book ReadWorks Discovery Education Website	Online	Audio button for Read Aloud	Necessary

				needs of living things and their dependence on light, food, air, water, and shelter				
May	Weather How can weather affect us?	Unit 6 Week 2	Energy	3.3.3.A4 Connect the various forms of precipitation to the weather in a particular place and time. 3.3.3.A5 Explain how air temperature, moisture, wind speed and direction, and precipitation make up the weather in a particular place and time.	Reading (Wonders) Text Book ReadWorks Discovery Education Website	Online	Audio button for Read Aloud	Conditions Forecast Stranded
May	Learning to Succeed Why are goals important?	unit 6 Week 3		3.4.3.B3 Identify and define products made to meet individual needs versus wants 3.4.3.B4 Illustrate how people have made tools to	Reading (Wonders) Text Book ReadWorks Discovery Education Website	Online	Audio button for Read Aloud	Communicated Essential Goal Motivated Professional Research Serious Specialist

				provide food, clothing, and shelter. 3.4.3.C1 Recognize design is a creative process and everyone can design solutions to problems. 3.4.3.C2 Explain why the design process requires creativity and consideration of all ideas. 3.4.3.C3 Recognize that all products and systems are subject to failure; many products and systems can be fixed. 3.4.3.D1 Identify people's needs and wants and define some problems that can be solved through the design process.				

May	Animals and You How can learning about animals help you respect them?	Unit 6 Week 4	Patterns	3.1.3.B5 Identify characteristics that appear in both parents and offspring. 3.1.3.C1 Recognize that plants survive through adaptations such as stem growth towards light and root growth downward in response to gravity. 3.1.3.C1 Recognize that many plants and animals can survive harsh environments because of seasonal behaviors (e.g. hibernation, migration, trees shedding leaves)	Reading (Wonders) Text Book Readworks Discovery Education Website	Online	Audio button for Read Aloud	Endangered Fascinating Illegal Inhabit Requirement Respected Unaware Wildlife