

Kindergarten Science and Social Studies Pacing Guide

2016-2017

Date	Topic	Standard
August 10 August 18	Families/school/community Rules (names) Family interactions Conflict/ Resolution	SS-2.2.1, 1.3.1, 1.1.2, 5.1.1, 2.3.1, 2.3.2, 1.1.1 TSW identify and explain the purposes of rules within organizations and compare rules and laws
August 22 August 29	Interdependent Relationships in Ecosystems: <b>Plants</b> and their environment.	K-LS1-1 Use observations to describe patterns of what plants and animals, including humans, need to survive. K-ESS2-2 Construct an argument supported by evidence for how plants and animals, including humans, can change the environment to meet their needs. K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals, including humans, and the places they live. K-ESS3-3 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
September 5 September 12	Family and Friend Interactions Conflict Resolution Community helpers	SS-1.3.1, 1.1.2, 2.3.1, 1.3.2, 1.1.1, 2.3.2, 4.1.1 TSW define basic democratic ideas and explain why they are important
September 19 September 26	Interdependent Relationships in Ecosystems: <b>Animals</b> and their environment.	K-LS1-1 Use observations to describe patterns of what plants and animals, including humans, need to survive. K-ESS2-2 Construct an argument supported by evidence for how plants and animals, including humans, can change the environment to meet their needs. K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals, including humans, and the places they live. K-ESS3-3 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
October 10 October 17	Changes over time in communication, technology, transportation, and education in the community (Christopher Columbus) Personal Timeline	SS-5.2.3 TSW describe change over time in communication, technology, transportation and education in the community

October 24 October 31	Interdependent Relationships in Ecosystems: <b>Animals</b> and their environment. Life Cycles (frogs, chickens)	K-LS1-1 Use observations to describe patterns of what plants and animals, including humans, need to survive. K-ESS2-2 Construct an argument supported by evidence for how plants and animals, including humans, can change the environment to meet their needs. K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals, including humans, and the places they live. K-ESS3-3 Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
November 7 November 21 November 28	Cultures: Native Americans Native American groups/where they lived Culture compared to ours Appreciate and understand diversity Veteran's day	SS- 2.1.2, 2.11, 5.22, 5.2.1 TSW describe cultural elements, beliefs, languages, skills to our local culture  Social Studies/Trade Books SS-EP 5.2.1 TSW identify significant patriotic holidays
December 5 December 12 December 19	Cultural Beliefs and Traditions	SS-EP 2.11 TSW describe cultural elements, beliefs, languages, skills to our local culture SS-EP 2.1.2 TSW study a variety of diverse cultures in the world today and explain the importance of appreciating and understanding these cultures
January 2 January 9	Weather and Climate Sun and moon	K-ESS2-1 Use and share observations of local weather conditions to describe patterns over time. K-PS3-2 Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.
January 16	Martin Luther King Jr.: Peer interactions	SS-2.3.1 TSW describe various forms of interactions, compromise, cooperation, conflict, that occur between individuals-groups and home and school
January 23 January 30	Weather and Climate-shadows	K-ESS2-1 Use and share observations of local weather conditions to describe patterns over time. K-PS3-2 Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.
February 6 February 13	Presidents Patriotic Cultural Beliefs/Traditions	SS-5.2.1, 2.1.1, 2.1.2 TSW identify significant patriotic and historical symbols, holidays, political office and explain the importance of each

		Social Studies/Trade Books
February 20 February 27	Dental Health Food and Nutrition	PL-EP 1.1.6 TSW describe how an individual's behavior and choice of diet, exercise and rest affect the their health and body PL-EP 1.1.7 TSW identify strategies and good hygiene practices that promote good health and prevent disease  Social Studies/Trade Books
March 6 March 13	Forces and Interactions: Pushes and Pulls	K-PS2-1 Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. K-PS2-2 Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.
March 20 March 27	Engineering Design	K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. K-2-ETS1-2 Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. K-2-ETS1-3 Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.
April 10 April 17	Earth Day Water Cycle	SC-EP 1.1.3 TSW describe the properties of water as it occurs as a solid, liquid or gas
April 24 May 1	Oviparous animals	SC-EP 3.4.1 TSW explain the basic needs of living organisms. TSW describe life cycles of plants and animals
May 8 May 15 May 22	Geography-Maps/globes/oceans Locate various places Create maps of familiar places Read a picture map Describe why people live by rivers Identify and illustrate physical characteristics of Earth's surface	SS-4.1.1 TSW use geographic tools to locate familiar places at home, school and the community SS-4.1.2 TSW use geographic tools to identify major landforms on the earth's surface SS-EP 4.1.3 TSW describe how different factors influence where humans activities are located in the community

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