



Grade 2 Science and Social Studies Year At-A-Glance

Science Theme: Change Occurs All Around Us | Students examine how water changes phase, how forces change motion, how life cycles change living things, and how weather changes Earth.

Social Studies Theme: The United States of America | Students are introduced to the lives of Americans and their contributions to the United States as well as the heritage of the American Indians, past and present, and will recognize that the United States is a land of people who have diverse ethnic origins, customs, and traditions, united by common principles.

<u>Quarter 1</u>	<u>SOCIAL STUDIES</u> Unit 1: Good Citizenship (about 10 days)	<u>SCIENCE</u> Unit 1: Changes in Weather (about 12 days)	<u>SCIENCE</u> Unit 2: Changes in Surroundings (about 13 days)	<u>SOCIAL STUDIES</u> Begin Unit 3: Economics (about 13 days)
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*+2 days for SOCIAL STUDIES: Unit 2: Famous Americans & Holidays

<u>Quarter 2</u>	<u>SOCIAL STUDIES</u> Complete Unit 3: Economics (about 6 days)	<u>SCIENCE</u> Unit 3: The Role of Plants (about 10 days)	<u>SCIENCE</u> Units 4: Changes in Habitat (about 10 days)	<u>SOCIAL STUDIES</u> Unit 4: Geography (about 8 days)	<u>SOCIAL STUDIES</u> Begin Unit 5: Innovations in Communication & Transportation (about 3 days)
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*+2 days for SOCIAL STUDIES: Unit 2: Famous Americans & Holidays

<u>Quarter 3</u>	<u>SOCIAL STUDIES</u> Complete Unit 5: Innovations in Communication & Transportation (about 11 days)	<u>SCIENCE</u> Unit 5: Changes in Living Things (about 10 days)	<u>SCIENCE</u> Unit 6: Changes in Matter (about 17 days)
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*+7 days for SOCIAL STUDIES: Unit 2: Famous Americans & Holidays

<u>Quarter 4</u>	<u>SOCIAL STUDIES</u> Unit 6: American Indians (about 14 days)	<u>SOCIAL STUDIES</u> Unit 7: Civics – Principles and Traditions (about 10 days)	<u>SCIENCE</u> Unit 7: Changes Caused by Forces (about 18 days)
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*+4 days for SOCIAL STUDIES: Unit 2: Famous Americans & Holidays

Note: HSS *Unit 2: Famous Americans & Holidays* will be taught throughout the year (15 days), in context and with proximity to major holidays.

Unit guides will be released prior to the start of each quarter.

Note: Science and Engineering Practices (SEPs), SOL 2.1a-f, and Social Studies essential skills, SOL 2.1a-j, should be embedded throughout the year rather than taught in isolation.

Quarter 1: August 19 – October 31 (50 days)

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 1	<p><u>SOCIAL STUDIES</u> <u>Unit 1: Good Citizenship</u></p>	about 10 days	<p>2.11 The student will explain the responsibilities of a good citizen, with emphasis on</p> <ul style="list-style-type: none"> a) respecting and protecting the rights and property of others; b) taking part in the voting process when making classroom decisions; c) describing actions that can improve the school and community; d) demonstrating self-discipline and self-reliance; e) practicing honesty and trustworthiness; and f) describing the purpose of rules and laws.
	<p><u>SCIENCE</u> <u>Unit 1: Changes in Weather</u></p>	about 12 days	<p>2.6 The student will investigate and understand that there are different types of weather on Earth. Key ideas include</p> <ul style="list-style-type: none"> a) different types of weather have specific characteristics; b) measuring, recording, and interpreting weather data allows for identification of weather patterns; and c) tracking weather allows us to prepare for the weather and storms.
	<p><u>SCIENCE</u> <u>Unit 2: Changes in Surroundings</u></p>	about 13 days	<p>2.7 The student will investigate and understand weather patterns and seasonal changes affect plants, animals, and their surroundings. Key ideas include</p> <ul style="list-style-type: none"> a) weather and seasonal changes affect the growth and behavior of living things; b) wind and weather can change the land; and c) changes can happen quickly or slowly over time.
	<p><u>SOCIAL STUDIES</u> Begin <u>Unit 3: Economics</u></p>	about 13 days	<p>2.8 The student will describe natural resources (water, soil, wood, and coal), human resources (people at work), and capital resources (machines, tools, and buildings).</p> <p>2.9 The student will distinguish between the use of barter and the use of money in the exchange for goods and services.</p> <p>2.10 The student will explain that scarcity (limited resources) requires people to make choices about producing and consuming goods and services.</p>
During Quarter 1	<p><u>SOCIAL STUDIES</u> <u>Unit 2: Famous Americans & Holidays</u></p>	about 2 days	<p>2.4 The student will describe how the contributions of selected individuals changed the lives of Americans, with emphasis on a) Christopher Columbus; and i) Cesar Chavez.</p> <p>2.5 The student will describe why United States citizens celebrate major holidays, including e) Labor Day; and f) Columbus Day.</p>

Quarter 2: November 6 – January 17 (39 Days)

Quarter 2 Unit Guides will be released on October 16, 2024

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 2	<u>SOCIAL STUDIES</u> Complete <u>Unit 3: Economics</u>	about 6 days	2.8 The student will describe natural resources (water, soil, wood, and coal), human resources (people at work), and capital resources (machines, tools, and buildings). 2.9 The student will distinguish between the use of barter and the use of money in the exchange for goods and services. 2.10 The student will explain that scarcity (limited resources) requires people to make choices about producing and consuming goods and services.
	<u>SCIENCE</u> <u>Unit 3: The Role of Plants</u>	about 10 days	2.8 The student will investigate and understand that plants are important natural resources. Key ideas include the beginning of their culture; <ul style="list-style-type: none"> a) the availability of plant products affects the development of a geographic area; b) plants provide oxygen, homes, and food for many animals; and c) plants can help reduce the impact of wind and water.
	<u>SCIENCE</u> <u>Unit 4: Changes in Habitat</u>	about 10 days	2.5 The student will investigate and understand that living things are part of a system. Key ideas include <ul style="list-style-type: none"> a) plants and animals are interdependent with their living and nonliving surroundings; b) an animal's habitat provides all of its basic needs; and c) habitats change over time due to many influences.
	<u>SOCIAL STUDIES</u> <u>Unit 4: Geography</u>	about 8 days	2.6 The student will develop map skills by using globes and maps of the world and the United States to locate <ul style="list-style-type: none"> a) the seven continents and the five oceans; b) the equator, the Prime Meridian, and the four hemispheres; and c) major rivers, mountain ranges, lakes, and other physical features in the United States.
	<u>SOCIAL STUDIES</u> Begin <u>Unit 5: Innovations in Communication & Transportation</u>	about 3 days	2.2 The student will demonstrate knowledge of the United States by describing important developments and innovations in United States history, including developments and innovations related to communication and transportation.
During Quarter 2	<u>SOCIAL STUDIES</u> <u>Unit 2: Famous Americans & Holidays</u>	about 2 days	2.5 The student will describe why United States citizens celebrate major holidays, including g) Veteran's Day; and h) Thanksgiving Day.

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 3	<u>SOCIAL STUDIES</u> Unit 5: <u>Innovations in Communication & Transportation</u>	about 11 days	2.2 The student will demonstrate knowledge of the United States by describing important developments and innovations in United States history, including developments and innovations related to communication and transportation.
	<u>SCIENCE</u> Unit 5: <u>Changes in Living Things</u>	about 10 days	2.4 The student will investigate and understand that plants and animals undergo a series of orderly changes as they grow and develop. Key ideas include a) animals have life cycles; and b) plants have life cycles.
	<u>SCIENCE</u> Unit 6: <u>Changes in Matter</u>	about 17 days	2.3 The student will investigate and understand that matter can exist in different phases. Key ideas include a) matter has mass and takes up space; b) solids, liquids, and gases have different characteristics; and c) heating and cooling can change the phases of matter.
During Quarter 3	<u>SOCIAL STUDIES</u> Unit 2: <u>Famous Americans & Holidays</u>	about 7 days	2.4 The student will describe how the contributions of selected individuals changed the lives of Americans, with emphasis on c) Abraham Lincoln; d) George Washington Carver; f) Thurgood Marshall; g) Rosa Parks; h) Jackie Robinson; and j) Martin Luther King, Jr. 2.5 The student will describe why United States citizens celebrate major holidays, including a) Martin Luther King, Jr. Day; and b) George Washington’s Day (Presidents’ Day).

Quarter 4: April 1 – June 12 (46 Days)

Quarter 4 Unit Guides will be released on March 11, 2025

Quarter	Unit	Suggested Time	Standards of Learning
Quarter 4	<p><u>SOCIAL STUDIES</u> <u>Unit 6: American Indians</u></p>	about 14 days	<p>2.3 The student will compare the lives and contributions of three American Indian cultures of the past and present, with emphasis on</p> <ul style="list-style-type: none"> a) the Powhatan of the Eastern Woodlands; b) the Lakota of the Plains; and c) the Pueblo peoples of the Southwest. <p>2.7 The student will locate and describe the relationship between the environment and culture of</p> <ul style="list-style-type: none"> a) the Powhatan of the Eastern Woodlands; b) the Lakota of the Plains; and c) the Pueblo peoples of the Southwest.
	<p><u>SOCIAL STUDIES</u> <u>Unit 7: Civics – Principles and Traditions</u></p>	about 10 days	<p>2.12 The student will understand that the people of the United States of America</p> <ul style="list-style-type: none"> a) make contributions to their communities; b) vote in elections; c) are united as Americans by common principles; and d) have the individual rights to life, liberty, and the pursuit of happiness as well as equality under the law. <p>2.13 The student will understand the symbols and traditional practices that honor and foster patriotism in the United States of America by</p> <ul style="list-style-type: none"> a) explaining the meaning behind symbols such as the American flag, bald eagle, Washington Monument, and Statue of Liberty; and b) learning the words and meaning of the Pledge of Allegiance.
	<p><u>SCIENCE</u> <u>Unit 7: Changes Caused by Forces</u></p>	about 18 days	<p>2.2 The student will investigate and understand that different types of forces may cause an object’s motion to change. Key ideas include</p> <ul style="list-style-type: none"> a) forces from direct contact can cause an object to move; b) some forces, including gravity and magnetism, can cause objects to move from a distance; and c) forces have applications in our lives.
During Quarter 4	<p><u>SOCIAL STUDIES</u> <u>Unit 2: Famous Americans & Holidays</u></p>	about 4 days	<p>2.4 The student will describe how the contributions of selected individuals changed the lives of Americans, with emphasis on b) Benjamin Franklin; and e) Helen Keller.</p> <p>2.5 The student will describe why United States citizens celebrate major holidays, including c) Memorial Day; and d) Independence Day (Fourth of July).</p>