



Science/S.S. – Kindergarten 2023-24

First Quarter

Embedded Social Studies Standards: K.17, K.18, K.19 (throughout)

HMH	SCIENCE	SOCIAL STUDIES
		Weeks 1 & 2, Aug 2-4, 7-11 K.10: Recall the students and/or school's street address, city, state (Brigance) K.12: Identify the following concepts: American flag, Tennessee flag, and words of the Pledge of Allegiance. The following standards are embedded throughout daily instruction: K.17: Use correct words and phrases related to chronology and time, including: now, morning, today, week, long ago, last, afternoon, tomorrow, month, before, next, night, yesterday, year K.18: Identify days of the week and months of the year. K.19: Locate and describe events on a calendar, including: birthdays, holidays, cultural events, and school events.
K.01, K.11		Week 3, Aug 14-18 K.01: Describe familiar people, places, things, and events within a student's home, school, and community. K.11: Give examples of the following concepts: authority, fairness, responsibility, and rules
K.01, K.11, K.15		Week 4, Aug 21-25 K.15: Describe roles of authority figures in the home, school, and community, including caregivers, teachers, school principal, police officers, and fire/rescue workers. K.16: Explain the purpose of rules and laws.
K.01, K.11, K.15		Week 5, Aug 28-Sept 1 K.01, K.11, K.15 (continued)

K.01, K.09, K.11		Week 6, Sept 5-8 (4-day week) K.09: Explain what a map and globe represent. K.11: Give examples of the following concepts: authority, fairness, responsibility, and rules
K.02		Week 7, Sept 11-15 K.02: Compare and contrast family traditions and customs, including: food, clothing, homes, and games. K.03: Distinguish between wants and needs.
	Week 8, Sept 19-22 (4-day week) Weather Instruments K.ESS2.1: Analyze and interpret weather data (precipitation, wind, temperature, cloud cover) to describe weather patterns that occur over time (hourly, daily) using simple graphs, pictorial weather symbols, and tools (thermometer, rain gauge). K.ETS2.1: Use appropriate tools (magnifying glass, rain gauge , basic balance scale) to make observations and answer testable scientific questions.	
	Week 9, Sept 25-29 Weather Prediction: Summer & Autumn K.ESS2.2: Develop and use models to predict weather and identify patterns in spring, summer, autumn , and winter. K.ETS1.1: Ask and answer questions about the scientific world and gather information using the senses. K.ETS1.2: Describe objects accurately by drawing and/or labeling pictures.	
	Week 10, Oct 2-6 Five Senses K.LS1.3: Explain how humans use their five senses in making scientific findings. K.ETS1.1: Ask and answer questions about the scientific world and gather information using the senses.	



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Second Quarter

Embedded Social Studies Standards: K.17, K.18, K.19 (throughout)

HMH	SCIENCE	SOCIAL STUDIES
K.01, K.04, K.06, K.08, K.09, K.10		Week 1, Oct 16-20 K.04: Identify and explain how basic human needs of food, clothing, shelter, and transportation are met. K.06: Recognize and describe different types of jobs, including work done in the home, school, and community. K.08: Use personal directions such as: up, down, near, far, left, right, in front of, and behind. K.09: Explain what a map and globe represent. K.10: Recall the students and/or school's street address, city, state
K.01, K.04, K.06, K.08		Week 2, Oct 23-27 K.01, K.04, K.06, K.08 (continued)
	Week 3, Oct 30-Nov 3 Properties of Materials K.PS1.1: Plan and conduct an investigation to describe and classify different kinds of materials including wood, plastic, metal, cloth, and paper by their observable properties (color, texture, hardness, and flexibility) and whether they are natural or human-made. K.ETS2.1: Use appropriate tools (magnifying glass , rain gauge, basic balance scale) to make observations and answer testable scientific questions.	
K.01, K.02, K.04, K.06		Week 4, Nov 6-10 K.02: Compare and contrast family traditions and customs, including: food, clothing, homes, and games. K.20: Identify and discuss the following holiday, and analyze why we celebrate [it]: Veterans Day

	Week 5, Nov 13-17 Objects Consist of Smaller Parts K.PS1.3: Construct an evidence-based account of how an object made of a small set of pieces (blocks, snap cubes) can be disassembled and made into a new object.	
K.04		Week 6, Nov 20-21 (2-day week) K.04: Identify and explain how basic human needs of food, clothing, shelter, and transportation are met. K.20: Identify and discuss the following holiday, and analyze why we celebrate [it]: Thanksgiving
		Week 7, Nov 27-Dec 1 K.04, K.20 (continued)
		Week 8, Dec 4-8 K.03: Distinguish between wants and needs. K.05: Explain the benefits of saving money K.07: Give examples of how people use money to make purchases.
	Week 9, Dec 11-15 Weather Prediction: Winter K.ESS2.2: Develop and use models to predict weather and identify patterns in spring, summer, autumn, and winter .	
	Week 10, Dec 18-20 (2.5-day week) K.ESS2.2 (continued)	



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Third Quarter

Embedded Social Studies Standards: K17, K18, K19 (throughout)

HMH	SCIENCE	SOCIAL STUDIES
	Week 1, Jan 4-5 (2-day week) Solids and Liquids K.PS1.2: Conduct investigations to understand that matter can exist in different states (solid and liquid) and has properties that can be observed and tested. K.ETS2.1: Use appropriate tools (magnifying glass, rain gauge, basic balance scale) to make observations and answer testable scientific questions.	
K.04, K.06	Week 2, Jan 8-12 K.PS1.2, K.ETS2.1 (continued)	
		Week 3, Jan 16-19 (4-day week) Dr. Martin Luther King, Jr K.20: Identify and discuss the following holiday, and analyze why we celebrate [it]: Martin Luther King, Jr. Day
K.04, K.06, K.11	Week 4, Jan 22-26 Weather Forecasting K.ESS3.2: Explain the purpose of weather forecasting to prepare for, and respond to, severe weather in Tennessee .	
K.01, K.02, K.11, K.12, K.13	Week 5, Jan 30-Feb 3 K.ESS3.2 (continued)	Week 5, Jan 29-Feb 1 (4-day week) K.12: Identify the following concepts: American flag, Tennessee flag, and words of the Pledge of Allegiance.
K.01, K.02		Week 6, Feb 5-9 K.12 (continued)
K.11, K.12, K.13, K.20		Week 7, Feb 12-16 K.13: Recognize and name the current president of the U.S. K.14: Explain that the president is the leader of the U.S. K.20: Identify and discuss the following holiday, and analyze why we celebrate [it]: Presidents Day

K.01, K.02, K.11, K.12, K.13, K.17, K.20		Week 8, Feb 20-23 (4-day week) K.11, K.12, K.13, K.20 (continued) K.01: Describe familiar people, places, things, and events within a student's home, school, and community. K.02: Compare and contrast family traditions and customs, including: food, clothing, homes, and games. K.17: Use correct words and phrases related to chronology and time, including: now, morning, today, week, long ago, last, afternoon, tomorrow, month, before, next, night, yesterday, year
		Week 9, Feb 26-Mar 1 K.01, K.02, K.17 (continued)
		Week 10, Mar 4, 6-8 (4-day week) K.01, K.02, K.17 (continued)



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Fourth Quarter

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HMH	SCIENCE	SOCIAL STUDIES
K.LS1.3 K.01, K.04	Week 1, Mar 18-22 Living vs. Nonliving K.LS1.2: Recognize differences between living organisms and nonliving materials and sort them into groups by observable physical attributes. K.LS1.3: Explain how humans use their five senses in making scientific findings.	
K.LS1.1, K.LS1.3	Week 2, Mar 25-28 (4-day week) Differences between Plants and Animals K.LS1.1: Use information from observations to identify differences between plants and animals (locomotion, obtainment of food, and take in air/gasses). K.ETS1.2: Describe objects accurately by drawing and/or labeling pictures.	
K.LS1.3	Week 3, Apr 2-5 (4-day week) K.LS1.1, K.ETS1.2 (continued)	
K.LS1.3	Week 4, Apr 8-12 Young Animals Resemble Their Parents K.LS3.1: Make observations to describe that young plants and animals resemble their parents. K.ETS1.1: Ask and answer questions about the scientific world and gather information using the senses.	
K.LS1.1, K.LS1.3 K.04	Week 5, Apr 15-19 K.LS3.1, K.ETS1.1 (continued) Earth Day Activities	

K.LS1.1, K.LS1.3 K.04	Week 6, Apr 22-26 Human Impact on the Environment (Earth Day) K.ESS3.3: Communicate solutions that will reduce the impact of humans on land, water, air, and other living things in the local environment. K.ETS1.1: Ask and answer questions about the scientific world and gather information using the senses.	
K.LS1.1, K.LS1.3 K.04	Week 7, Apr 29-May 3 K.ESS3.3, K.ETS1.1 (continued)	Week 7, May 2-6 Note: Embed with Math K.MD.B.3 K.03: Distinguish between wants and needs. K.05: Explain the benefits of saving money K.07: Give examples of how people use money to make purchases.
K.LS1.1, K.LS1.3 K.04	Week 8, May 6-10 Weather Prediction: Spring K.ESS2.2: Develop and use models to predict weather and identify patterns in spring, summer, autumn, & winter.	Week 8, May 9-13 Note: Embed with Math K.MD.B.3 K.03, K.05, K.07 (continued)
K.LS1.1, K.LS1.3, K.ESS3.1	Week 9, May 13-17 Basic Needs & Habitats of Plants and Animals K.ESS3.1: Use a model to represent the relationship between the basic needs (shelter, food, water) of different plants and animals (including humans) and the places they live. Note: Compare/contrast with animals and plants of East TN	
K.LS1.1, K.LS1.3, K.ESS3.1	Week 10, May 20-22 (2.5-day week) K.ESS3.1 (continued) STEM Investigations K.ETS1.1: Ask and answer questions about the scientific world and gather information using the senses. K.ETS2.1: Use appropriate tools (magnifying glass, rain gauge, basic balance scale) to make observations & answer testable scientific questions.	