



# Science/S.S. – Kindergarten 2024-25

## First Quarter

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

HMH	SCIENCE	SOCIAL STUDIES
		<p><b>Week 1 Aug 5-9</b></p> <ul style="list-style-type: none"> <li>▪ <b>K.10:</b> Recall the students and/or school's street address, city, state (Brigance)</li> <li>▪ <b>K.12:</b> Identify the following concepts: American flag, Tennessee flag, and words of the Pledge of Allegiance.</li> </ul> <p><b>The following standards are embedded throughout daily instruction:</b></p> <ul style="list-style-type: none"> <li>▪ <b>K.17:</b> 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</li> <li>▪ <b>K.18:</b> Identify days of the week and months of the year.</li> <li>▪ <b>K.19:</b> Locate and describe events on a calendar, including: birthdays, holidays, cultural events, and school events.</li> </ul>
<p><b>Module 1: Curious About Kindergarten</b></p>		<p><b>Week 2, Aug 12-16</b></p> <ul style="list-style-type: none"> <li>▪ <b>K.01:</b> Describe familiar people, places, things, and events within a student's home, school, and community.</li> <li>▪ <b>K.11:</b> Give examples of the following concepts: authority, fairness, responsibility, and rules</li> </ul>
		<p><b>Week 3 Aug 19-23</b></p> <ul style="list-style-type: none"> <li>▪ <b>K.15:</b> Describe roles of authority figures in the home, school, and community, including caregivers, teachers, school principal, police officers, and fire/rescue workers.</li> <li>▪ <b>K.16:</b> Explain the purpose of rules and laws.</li> </ul>
		<p><b>Week 4, Aug 26-30</b></p> <ul style="list-style-type: none"> <li>▪ <b>K.01, K.11, K.15 (continued)</b></li> </ul>

		<p><b>Week 5, Sept 3-6 (4-day week)</b></p> <p><b>K.09:</b> Explain what a map and globe represent.</p> <p><b>K.11:</b> Give examples of the following concepts: authority, fairness, responsibility, and rules</p>
		<p><b>Week 6, Sept 9-13</b></p> <p><b>K.02:</b> Compare and contrast family traditions and customs, including: food, clothing, homes, and games.</p> <p><b>K.03:</b> Distinguish between wants and needs.</p>
<p><b>Module 2: There's Only One Me!</b></p>	<p><b>Week 7, Sept 16-20</b></p> <p><b>Weather Instruments</b></p> <p><b>K.ESS2.1:</b> 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).</p> <p><b>K.ETS2.1:</b> Use appropriate tools (magnifying glass, <b>rain gauge</b>, basic balance scale) to make observations and answer testable scientific questions.</p>	
	<p><b>Week 8, Sept 23-27</b></p> <p><b>Weather Prediction: Summer &amp; Autumn</b></p> <p><b>K.ESS2.2:</b> Develop and use models to predict weather and identify patterns in spring, <b>summer, autumn</b>, and winter.</p> <p><b>K.ETS1.1:</b> Ask and answer questions about the scientific world and gather information using the senses.</p> <p><b>K.ETS1.2:</b> Describe objects accurately by drawing and/or labeling pictures.</p>	
	<p><b>Week 9, Sept 30-Oct 4</b></p> <p><b>Five Senses</b></p> <p><b>K.LS1.3:</b> Explain how humans use their five senses in making scientific findings.</p> <p><b>K.ETS1.1:</b> Ask and answer questions about the scientific world and gather information using the senses.</p>	



# Science/S.S. – Kindergarten 2024-25

## Second Quarter

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

HMH	SCIENCE	SOCIAL STUDIES
		<p><b>Week 1, Oct 14-18</b></p> <ul style="list-style-type: none"> <li>▮ <b>K.04:</b> Identify and explain how basic human needs of food, clothing, shelter, and transportation are met.</li> <li>▮ <b>K.06:</b> Recognize and describe different types of jobs, including work done in the home, school, and community.</li> <li>▮ <b>K.08:</b> Use personal directions such as: up, down, near, far, left, right, in front of, and behind.</li> <li>▮ <b>K.09:</b> Explain what a map and globe represent.</li> <li>▮ <b>K.10:</b> Recall the students and/or school's street address, city, state</li> </ul>
<p><b>Module 3: My Community Heroes</b></p>		<p><b>Week 2, Oct 21-25</b></p> <p><b>K.01, K.04, K.06, K.08 (continued)</b></p>
	<p><b>Week 3, Oct 28-Nov 1</b></p> <p><b>Properties of Materials</b></p> <ul style="list-style-type: none"> <li>▮ <b>K.PS1.1:</b> 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.</li> <li>▮ <b>K.ETS2.1:</b> Use appropriate tools (<b>magnifying glass</b>, rain gauge, basic balance scale) to make observations and answer testable scientific questions.</li> </ul>	
		<p><b>Week 4, Nov 4-8 (4-day week)</b></p> <ul style="list-style-type: none"> <li>▮ <b>K.02:</b> Compare and contrast family traditions and customs, including: food, clothing, homes, and games.</li> <li>▮ <b>K.20:</b> Identify and discuss the following holiday, and analyze why we celebrate [it]: <b>Veterans Day</b></li> </ul>

	<p><b>Week 5, Nov 11-15</b>  <b>Objects Consist of Smaller Parts</b>  <b>K.PS1.3:</b> 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.</p>	
<p><b>Module 4:</b>  <b>Happy</b>  <b>Healthy Me</b></p>		<p><b>Week 6, Nov 18-22</b>  <b>K.04:</b> Identify and explain how basic human needs of food, clothing, shelter, and transportation are met.  <b>K.20:</b> Identify and discuss the following holiday, and analyze why we celebrate [it]: <b>Thanksgiving</b></p>
		<p><b>Week 7, Nov 25-26 (2-day week)</b>  <b>K.04, K.20 (continued)</b></p>
		<p><b>Week 8, Dec 2-6</b>  <b>K.03:</b> Distinguish between wants and needs.  <b>K.05:</b> Explain the benefits of saving money  <b>K.07:</b> Give examples of how people use money to make purchases.</p>
	<p><b>Week 9, Dec 9-13</b>  <b>Weather Prediction: Winter</b>  <b>K.ESS2.2:</b> Develop and use models to predict weather and identify patterns in spring, summer, autumn, and <b>winter</b>.</p>	
	<p><b>Week 10, Dec 16-20 (4.5-day week)</b>  <b>K.ESS2.2 (continued)</b></p>	



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## Third Quarter

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	<ul style="list-style-type: none"> <li>  <b>Week 1, Jan 7-10 (4-day week)</b></li> <li>  <b>Solids and Liquids</b></li> <li>  <b>K.PS1.2:</b> Conduct investigations to understand that matter can exist in different states (solid and liquid) and has properties that can be observed and tested.</li> <li>  <b>K.ETS2.1:</b> Use appropriate tools (magnifying glass, rain gauge, <b>basic balance scale</b>) to make observations and answer testable scientific questions.</li> </ul>	
<b>Module 5: I Can Do It!</b>	<ul style="list-style-type: none"> <li>  <b>Week 2, Jan 13-17</b></li> <li>  <b>K.PS1.2, K.ETS2.1 (continued)</b></li> </ul>	
		<ul style="list-style-type: none"> <li>  <b>Week 3, Jan 21-24 (4-day week)</b></li> <li>  <b>Dr. Martin Luther King, Jr</b></li> <li>  <b>K.20:</b> Identify and discuss the following holiday, and analyze why we celebrate [it]: <b>Martin Luther King, Jr. Day</b></li> </ul>
	<ul style="list-style-type: none"> <li>  <b>Week 4, Jan 27-31</b></li> <li>  <b>Weather Forecasting</b></li> <li>  <b>K.ESS3.2:</b> Explain the purpose of weather forecasting to prepare for, and respond to, severe weather <b>in Tennessee.</b></li> </ul>	
	<ul style="list-style-type: none"> <li>  <b>Week 5, Feb 3-7</b></li> <li>  <b>K.ESS3.2 (continued)</b></li> </ul>	<ul style="list-style-type: none"> <li>  <b>Week 5, Feb 3-7</b></li> <li>  <b>K.12:</b> Identify the following concepts: American flag, Tennessee flag, and words of the Pledge of Allegiance.</li> </ul>
<b>Module 6: Home of the Free and the Brave</b>		<ul style="list-style-type: none"> <li>  <b>Week 6, Feb 10-14</b></li> <li>  <b>K.12 (continued)</b></li> </ul>
		<ul style="list-style-type: none"> <li>  <b>Week 7, Feb 18-21 (4-day week)</b></li> <li>  <b>K.13:</b> Recognize and name the current president of the U.S.</li> <li>  <b>K.14:</b> Explain that the president is the leader of the U.S.</li> <li>  <b>K.20:</b> Identify and discuss the following holiday, and analyze why we celebrate [it]: <b>Presidents Day</b></li> </ul>

		<p><b>Week 8, Feb 24-28</b>  <b>K.11, K.12, K.13, K.20 (continued)</b></p> <p><b>K.01:</b> Describe familiar people, places, things, and events within a student's home, school, and community.</p> <p><b>K.02:</b> Compare and contrast family traditions and customs, including: food, clothing, homes, and games.</p> <p><b>K.17:</b> 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</p>
		<p><b>Week 9, Mar 3-7</b>  <b>K.01, K.02, K.17 (continued)</b></p>
<p><b>Module 7: Zoom In!</b></p>	<p><b>Quarter 4, Week 1, Mar 4, 10-14</b>  <b>Living vs. Nonliving</b></p> <p><b>K.LS1.2:</b> Recognize differences between living organisms and nonliving materials and sort them into groups by observable physical attributes.</p> <p><b>K.LS1.3:</b> Explain how humans use their five senses in making scientific findings.</p>	



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	<p><b>Week 2, Mar 24-28</b>  <b>K.LS1.2, K.LS1.3 (continued)</b></p>	
	<p><b>Week 3, Mar 31-Apr 3 (4-day week)</b>  <b>Differences between Plants and Animals</b>  <b>K.LS1.1:</b> Use information from observations to identify differences between plants and animals (locomotion, obtainment of food, and take in air/gasses).  <b>K.ETS1.2:</b> Describe objects accurately by drawing and/or labeling pictures.</p>	
	<p><b>Week 4, Apr 7-11</b>  <b>K.LS1.1, K.ETS1.2 (continued)</b></p>	
<p><b>Module 8: From Plant to Plate</b></p>	<p><b>Week 5, Apr 14-17 (4-day week)</b>  <b>Young Animals Resemble Their Parents</b>  <b>K.LS3.1:</b> Make observations to describe that young plants and animals resemble their parents.  <b>K.ETS1.1:</b> Ask and answer questions about the scientific world and gather information using the senses.</p>	
	<p><b>Week 6, Apr 21-25</b>  <b>K.LS3.1, K.ETS1.1 (continued)</b></p> <p><b>Earth Day (4/22) Activities</b></p>	

	<p><b>Week 7, Apr 28-May 2</b>  <b>Human Impact on the Environment</b>  <b>K.ESS3.3:</b> Communicate solutions that will reduce the impact of humans on land, water, air, and other living things in the local environment.  <b>K.ETS1.1:</b> Ask and answer questions about the scientific world and gather information using the senses.</p>	
	<p><b>Week 8, May 5-9</b>  <b>K.ESS3.3, K.ETS1.1 (continued)</b></p>	<p><b>Week 8, May 5-9</b>  <b>Note: Embed with Math K.MD.B.3</b>  <b>K.03:</b> Distinguish between wants and needs.  <b>K.05:</b> Explain the benefits of saving money  <b>K.07:</b> Give examples of how people use money to make purchases.</p>
<p><b>Module 9:</b>  <b>Animal Habitats</b></p>	<p><b>Week 9, May 12-16</b>  <b>Weather Prediction: Spring</b>  <b>K.ESS2.2:</b> Develop and use models to predict weather and identify patterns in <b>spring</b>, summer, autumn, &amp; winter.</p>	<p><b>Week 9, May 12-16</b>  <b>Note: Embed with Math K.MD.B.3</b>  <b>K.03, K.05, K.07 (continued)</b></p>
	<p><b>Week 10, May 19-23 (4.5-day week)</b>  <b>Basic Needs &amp; Habitats of Plants and Animals</b>  <b>K.ESS3.1:</b> 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.  <b>Note: Compare/contrast with animals and plants of East TN</b></p>	