

## ;/SCS Curriculum Road Map Template as of 6/5/2023 (last date of edit)

4th Grade Science 1st 9 weeks			
District Approved Resource and Timeframe for Teaching	Whole Group (20 mins)	Technology Study Island: (10 mins)	Labs/Hands on Task: (20 mins)
Unit Title, page numbers Timeframe (ex. 10 days 8/15-8/25)  *include time for teaching Rituals and Routines	<b>List:</b> -Standards and <b>Critical Areas of Focus</b> . Number of standard with just a few words to describe (nouns/pronoun) target -Mentor Text, page numbers -Specific vocabulary words and/or high frequency words of focus	<b>List:</b> -Standards and <b>Critical Areas of Focus</b> . Number of standard with just a few words to describe (nouns/pronoun) target -Mentor Text, page numbers -Specific vocabulary words and/or high frequency words of focus	<b>List:</b> -Standards and <b>Critical Areas of Focus</b> . Number of standard with just a few words to describe (nouns/pronoun) target -Mentor Text, page numbers -Specific vocabulary words and/or high frequency words of focus
<b>GADoe/ Inspire            Unit 1:  <u>Weather &amp; Forecasting The            Weather</u></b>  <b>Rituals and Routines            (1st 2 weeks =10 days)</b>	<b>Standards:</b> <b>S4E3.</b> Obtain, evaluate, and communicate information to demonstrate the water cycle. <b>a.</b> Plan and carry out investigations to observe the flow of energy in water as it changes states from solid (ice) to liquid (water) to gas (water vapor) and changes from gas to liquid to solid. <b>b.</b> Develop models to illustrate multiple pathways water may take during the water cycle (evaporation, condensation, and precipitation). (Clarification statement: Students should understand that the water cycle does not follow a single pathway.) <b>S4E4.</b> Obtain, evaluate, and communicate information to predict weather events and infer weather patterns using weather charts/maps and collected weather data. <b>a.</b> Construct an explanation of how weather instruments (thermometer, rain gauge, barometer, wind vane, and anemometer) are used in gathering	<b>Standards:</b> <b>S4E3.</b> Obtain, evaluate, and communicate information to demonstrate the water cycle <b>a-b</b> <b>S4E4.</b> Obtain, evaluate, and communicate information to predict weather events and infer weather patterns using weather charts/maps and collected weather data <b>a-d</b>  <b>Study island Lesson Titles:</b>  1. Weather Tools & Climate 2. Weather Forecasting	<b>Standards:</b> <b>S4E3.</b> Obtain, evaluate, and communicate information to demonstrate the water cycle <b>a-b</b> <b>S4E4.</b> Obtain, evaluate, and communicate information to predict weather events and infer weather patterns using weather charts/maps and collected weather data <b>a-d</b>  <b>Labs /Hands Task:</b>  <ul style="list-style-type: none"> <li>● Cloud Journal</li> <li>● Weather Forecasting</li> </ul>

	<p>weather data and making forecasts.</p> <p><b>b.</b> Interpret data from weather maps, including fronts (warm, cold, and stationary), temperature, pressure, and precipitation to make an informed prediction about tomorrow's weather.</p> <p><b>c.</b> Ask questions and use observations of cloud types (cirrus, stratus, and cumulus) and data of weather conditions to predict weather events.</p> <p><b>d.</b> Construct an explanation based on research to communicate the difference between weather and climate.</p> <p style="text-align: center;"><b><u>Specific Vocabulary Words:</u></b></p> <p>Cloud Types Weather Climate States of water Water Cycle Weather Instruments Weather Maps</p>	<p style="text-align: center;"><b><u>Specific Vocabulary Words:</u></b></p> <p>Cloud Types Weather Climate States of water Water Cycle Weather Instruments Weather Maps</p>	<p style="text-align: center;"><b><u>Specific Vocabulary Words:</u></b></p> <p>Cloud Types Weather Climate States of water Water Cycle Weather Instruments Weather Maps</p>
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