

DATE	AT HOME	IN CLASS
<p>3/14 Week 1</p>	<p>Object Lesson: Clouds Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Ch.1 – Clouds Tell the Story • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson (Topic #1: Pick a Special Study): Take a nature walk, in your backyard or someplace that you are willing to travel to several times a week. Decide which plant or animal you would like to observe daily for your special study. Also, pay attention to today’s weather. Is it cloudy, windy, sunny, or stormy?</p> <p>Find a book or books on the subject you have chosen for your special study to read on your own this next few weeks.</p>	<p>Week 1: Lesson 3: activity (prepare a weather station and prepare chart to record weather) Make weather vane Record weather in notebooks.</p>
<p>3/21 Week 2</p>	<p>Object Lesson: Observing the weather and clouds Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 2 – All Kinds of Clouds • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, notice what kind of clouds you see in the sky. What kind of weather do you think they might bring? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky and/or your special study).</p> <p>Optional Activity— http://studyjams.scholastic.com/studyjams/jams/science/weather-and-climate/weather-and-climate.htm</p>	<p>Week 2: Discuss Different types of clouds and the weather they bring. Lesson 3 activity: Create a cloud inside Nature walk-Cloud observation Record weather in notebooks.</p>
<p>3/28 Week 3</p>	<p>Object Lesson: Rain Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 3 – Rain, Rain, Rain • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day’s weather. How would you describe the weather this week? Do the clouds look like they will bring rain? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, weather and/or your special study).</p>	<p>Week 3: Lesson 3- Discuss what causes rain. Observe sky & weather signs. Activity: Record weather in notebooks. Make Rain Gauge *hand out “Wind article & Beaufort Scale for HW</p>

<p>4/4 Week 4</p>	<p>Object Lesson: Wind</p> <p>Reading and narration:</p> <ul style="list-style-type: none"> • Wind article and study the Beaufort scale and use it to determine how hard the wind is blowing today • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	<p>Discuss what causes wind, beaufort scale and what wind does. Record weather in notebooks.</p> <p>Project: Make a cup anemometer</p>
<p>4/11 Week 5</p>	<p>Object Lesson: Lightning and Thunder</p> <p>Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 4 – And a Clap of Thunder • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	<p>Discuss: Lightning and thunder Activity: week 5: lesson 3: make your own lightning & thunder Record weather notes & draw in notebooks. *Hand out Tornado & hurricane article /chart</p>
<p>4/18 Week 6</p>	<p>Object Lesson: Tornadoes & Hurricanes</p> <p>Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 5- Tornadoes and Hurricanes • Read Tornado/Hurricane article & chart • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	<p>Discuss: Tornadoes & Hurricanes</p> <p>Make a parachute or watercolor sky</p> <p>Record weather notes & drawing in notebook</p> <p>*Hand out instructions for making hail</p>

<p>4/25 Week 7</p>	<p>Object Lesson: Hail, Sleet, Ice</p> <p>Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 6 – Hail, Sleet and Glaze • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: *Pick a new Special Study Plant or animal and find a book(s) about it. Make notes and draw it in your nature notebook.* On your nature walk, pay attention to the day’s weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p> <p>*Optional home activity: Make Hail (read and follow instructions) Draw and make notes about your hail in your notebook.</p>	<p>Discuss differences between rain, sleet, hail and snow. Record weather in notebooks. Activity: Watercolor</p>
<p>5/2 Week 8</p>	<p>Object Lesson: Snow</p> <p>Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 7 - Snow • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day’s weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p> <p>Look at images of snowflakes in a book or online and draw in your nature notebook.</p>	<p>Record weather in notebooks.</p> <p>Discuss Snow and read a book on snow: Snowflake Bentley by Jacqueline Briggs Martin or Snowflakes in Images by W.A. Bentley</p> <p>Watercolor or draw a snowy scene.</p>
<p>5/9 Week 9</p>	<p>Object Lesson: Dew and Frost</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 8 – Dew and Frost • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Morning Nature Walk & Object Lesson: Can you find dew or frost in your yard in the morning? What does it look like? On your nature walk, pay attention to the day’s weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the</p>	<p>Record weather in notebooks Read article “How to paint raindrops and dew” by John Muir Laws</p> <p>Watercolor painting *Hand out on what causes wind to blow</p>

	<p>wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	
5/16 Week 10	<p>Object Lesson: Sun's effect on the weather Reading and narration:</p> <ul style="list-style-type: none"> • Read handout on what causes the wind to blow. • The Story Book of Science; 3-4 pages • Special Study reading; Read 15 minutes, narrate. <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	<p>Record weather in notebooks.</p> <p>Discuss the sun's effect on weather and how the sun causes wind Activity: AIR CURRENTS CAUSED BY UNEVEN HEATING OF A SURFACE (LESSON 10)</p> <p>SIMULATE EARTH'S ATMOSPHERE IN A CAKE PAN – LESSON9&10 M.S. MOVEMENT OF COLD/WARM AIR</p>
5/23 Week 11	<p>Object Lesson: Water Cycle Reading and narration:</p> <ul style="list-style-type: none"> • Jr. Book of Rain, Hail, Sleet & Snow, Chapter 9 – Water Goes Up and Down • The Story Book of Science; 3-4 pages • Special Study reading; 15 minutes <p>Afternoon Nature Walk & Object Lesson: On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p> <p>Optional Activity: Test the rate of evaporation in your home. Set two jars on the counter, with equal amounts of water in them. Cover one of them tightly with a lid, but leave the other with no lid. Watch them over the course of several days, comparing the water level of each.</p>	<p>Record weather in notebooks.</p> <p>Discuss, draw and simulate Water cycle White board Water cycle activity</p> <p>*Handout about how farmers forecasted the weather</p>
5/30 Week 12	<p>Object Lesson: How the Farmers used to forecast the weather! Reading and narration:</p> <ul style="list-style-type: none"> • Read article • The Story Book of Science; 3-4 pages • Special Study reading; 15 minutes <p>Afternoon Nature Walk & Object Lesson: What clues can you find to forecast the weather by? Check the weather forecast to see if your predictions match the weatherman's. On your nature walk, pay attention to the day's weather. How would you describe the weather this week? How hard is the wind blowing? Which direction is the wind</p>	<p>Record weather in notebooks Discuss how people used to forecast weather and how meteorologists do now. Pros & cons of each. Look outside for clues to forecast the weather.</p>

	<p>blowing from? Are the clouds moving quickly or slowly? Look at your special study animal/plant. Make notes and draw in your nature notebook (sky, wind and your special study).</p>	<p>Watercolor your favorite season/weather activity</p>
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