

**Youngstown City Schools
Science Pacing Guide
Grade 2**

GRADING PERIOD 3

| Strand/Topic/ Content Statement | Duration | “I Can” Statements | Curriculum Resources | Supplemental Materials |
|---|----------------|---|---|--|
| <p>EARTH & SPACE SCIENCE</p> <p>The Atmosphere</p> <p>Water is present in the air.</p> <p>Long and short term weather changes occur due to changes in energy.</p> | <p>9 Weeks</p> | <p>Topic “I Can” Statement:</p> <p>I can observe how air and water relate to weather and weather changes.</p> <p>I can explain the relationship between air and water.</p> <p>I can observe and ask questions about the natural environment.</p> <p>Science Inquiry and Application “I Can” Statements:</p> <p>I can plan and conduct simple investigations.</p> <p>I can employ simple equipment and tools to gather data and extend the senses.</p> <p>I can use appropriate mathematics with data to construct reasonable explanations.</p> <p>I can communicate about observations, investigations, and explanations.</p> <p>I can review and ask questions about the observations and explanations of other.</p> | <p><u>Textbook:</u></p> <ul style="list-style-type: none"> • How Does the Weather Change? • Why Do We Measure Weather? • What is the Water Cycle? <p><u>Other:</u></p> <p>Lessons</p> <ul style="list-style-type: none"> • It’s the “Rain”, Man • Build a Barometer • Storm Tracker • So You Want to Be a Meteorologist • Weather Riddles <p><u>Ohio Department of Education - Science:</u> http://education.ohio.gov/Topics/Ohio-s-New-Learning-Standards/Science</p> | <p><u>DiscoveryEd:</u></p> <ul style="list-style-type: none"> • Weather: Changes and Measurement • The Four Seasons (all segments) • A First Look: Weather (Segment 5) <p><u>Science Up Close - Online</u></p> <ul style="list-style-type: none"> • What Happens During the Water Cycle (grade 5) <p><u>SMARTBoard Lessons:</u></p> <ul style="list-style-type: none"> • Weather • Weather: What Do I Wear? • What’s the Weather • Dressing for the Season • Water Evaporation • Water Cycle • Describing Seasons <p><u>Intervention Ideas:</u></p> <ul style="list-style-type: none"> • Harcourt Reading Support and • Homework • Teacher Created • Choice Boards • Centers |