

4th grade Science Fusion Connections

<p>Water Cycle Draw a diagram of the water cycle. Then, write a story from the point of view of a drop of water as it goes through the water cycle.</p>  <p>Science Fusion Connections Unit 5- Weather Student Edition and Virtual Lesson #1 What is the Water Cycle</p>	<p>We Are All Connected Construct a food web demonstrating the flow of energy through an ecosystem. Explain how changes in one part of the food web would affect other organisms. Include the role of the sun in your explanation.</p> <p>Science Fusion Connections Unit 4: Energy and Ecosystem Student Edition and Virtual Lesson #3 How Can We Make a Food Web</p>	<p>Move it! Plan an investigation to collect time and position data for a moving object using a data table. Create a line graph from your data. Explain what happened. To think about: speed, friction, mass</p>  <p>Science Fusion Connections Unit 11 Motion Student Edition Lesson #1 What is Motion Lesson #2 What is Speed? Video Based Project: It's a Bird! It's a Plane!</p>
<p>Dirt: Keep it in place Walk around your home or neighborhood. Observe and provide evidence of soil erosion around your home or neighborhood. Create a plan to reduce erosion and share it. Extension: include weathering and deposition</p> <p>No Science Fusion connection Read Aloud Or Video Link</p>	<p>Plan & Investigate What are you wondering? How can you find an answer to your question? Make a plan and then do it! Share what you found out.</p>  <p>Science Fusion Connection Unit 2: The Engineering Design Process Lesson #1 What is an Engineering Design Process Lesson #2 How Can You Design a Solution to a Problem?</p>	<p>Play it! Design and construct an instrument that produces at least two different pitches. Keep a record of your design changes and what happened. Play your instrument to an audience and explain how it works.</p> <p>No Science Fusion Connection Read Aloud Video Link</p>
<p>Far Out Create a model that demonstrates the motions of the moon, sun and Earth. Use your model to describe how day/night and the phases of the moon occur.</p>  <p>Science Fusion Connection Unit 6 Earth and Space Lesson #1 How do the Earth, Sun and Moon Interact Lesson #2 What are moon phases Lesson #3 How Does the Moon Move Around the Earth?</p>	<p>Caring for our Planet Construct a plan to conserve water or energy at home or in your school. How could you persuade others to participate? Create something that will help you meet your goal.</p>  <p>April 22nd is Earth Day! Science Fusion Connections: Unit 4 Energy and Ecosystems Virtual Lesson #5 How Do People Impact Ecosystems Virtual Lesson #6 How Do People Affect Their Environments</p>	<p>Nature Journal What is happening outside? Closely observe an area over at least one week. Record your observations. What questions do you have about what you are seeing? Example areas: night sky, a particular tree, square meter of ground</p> <p>Science Fusion Connection Unit 1 Study Science Lesson #1 What Do Scientists Do? Lesson #2 What Skills Do Scientists Use?</p>