



3rd 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 Connection Student Edition and Virtual Lesson #1 What is the Water Cycle Video Link</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 Student Edition and Virtual Lesson Unit 4 Ecosystems and Interactions Lesson #3 What is a Food Chain?</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 Student Edition and Virtual Lesson Unit 10 Simple and Compound Machines Lesson #3 How Do Simple Machines Affect Work?</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>Science Fusion Connections Student edition and virtual lessons Unit 5 Changes to Earth's Surface Lesson #2 How Does Earth's Surface Change Slowly? Lesson #3 How Can We Model Erosion? Unit 6 Lesson #3 What is Soil? Read Aloud 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 Connections Student edition and virtual lessons Unit 2 Engineering Process Lesson #1 How Do Engineers Use the Design Process? #2 How Can you Design a Tree House? #4 How Can We Improve a Design?</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 direct Science Fusion Connection 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 Connections Student edition and virtual lessons Unit 8 Earth and Its Moon Lesson #1 How Do Earth and the Moon Move? Lesson #3 How Can We Model the Moon's Phase?</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>Science Fusion Connections Student edition and virtual lessons Unit 6 People and Resources Lesson # 2 How Can We Conserve Resources?</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 Student edition and virtual lessons Unit 1 Investigating Questions Lesson #1 How Do Scientists Investigate Questions?</p>