

Worth County Primary School  
 Second Grade Science Curriculum Map  
 2016–2017

First 9–weeks	Second 9–weeks	Third 9–weeks	Fourth 9–weeks
<p>S2L1. Students will investigate the life cycles of different living organisms.</p> <p>a. Determine the sequence of the life cycle of common animals in your area: a mammal such as a cat or dog or classroom pet, a bird such as a chicken, an amphibian such as a frog, and an insect such as a butterfly.</p> <p>S2E3. Students will observe and record changes in their surroundings and infer the causes of the changes.</p> <p>a. Recognize effects that occur in a specific area caused by weather, plants, animals, and/or people.</p>	<p>S2E1. Students will understand that stars have different sizes, brightness, and patterns.</p> <p>a. Describe the physical attributes of stars—size, brightness, and patterns.</p> <p>S2E2. Students will investigate the position of sun and moon to show patterns throughout the year.</p> <p>a. Investigate the position of the sun in relation to a fixed object on earth at various times of the day.</p> <p>b. Determine how the shadows change through the day by making a shadow stick or using a sundial.</p> <p>c. Relate the length of the day and night to the change in seasons (for example: Days are longer than the night in the summer.).</p> <p>d. Use observations and charts to record the shape of the moon for a period of time.</p>	<p>S2L1. Students will investigate the life cycles of different living organisms.</p> <p>b. Relate seasonal changes to observations of how a tree changes throughout a school year.</p> <p>c. Investigate the life cycle of a plant by growing a plant from a seed and by recording changes over a period of time.</p> <p>S2L1. Students will investigate the life cycles of different living organisms.</p> <p>d. Identify fungi (mushrooms) as living organisms.</p>	<p>S2P2. Students will identify sources of energy and how the energy is used.</p> <p>a. Identify sources of light energy, heat energy, and energy of motion.</p> <p>b. Describe how light, heat, and motion energy are used.</p> <p>S2P3. Students will demonstrate changes in speed and direction using pushes and pulls.</p> <p>a. Demonstrate how pushing and pulling an object affects the motion of the object.</p> <p>b. Demonstrate the effects of changes of speed on an object.</p> <p>S2P1. Students will investigate the properties of matter and changes that occur in objects.</p> <p>a. Identify the three common states of matter as solid, liquid, or gas.</p> <p>b. Investigate changes in objects by tearing, dissolving, melting, squeezing, etc.</p>

--	--	--	--