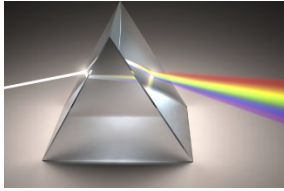


First Grade

<p>You can get here and there with MAPS</p>  <p>Key concepts: form, perspective, function, connection.</p>	<p>Big Idea: We use our senses to understand and explore the world around us.</p> <p>Description: In this unit, students examine different types of maps. Students also analyze the construction of maps, including orientation, scale, and key, as well as how best to represent distances and elements within maps. Furthermore, they will create different maps for specific purposes.</p>
<p>Making Buildings that Work</p>  <p>Key concepts: form, causation, function.</p>	<p>Big Idea: Buildings are designed not just for aesthetics, but also to function and meet the needs of the users.</p> <p>Description: In this unit, students investigate how buildings are designed for different purposes, the planning that is required in buildings and how buildings must be built with such constraints as cost, materials, size of plot and the effect on environment.</p>
<p>Weather and Space Systems</p>  <p>Key concepts: form, function, change.</p>	<p>Big Idea: Weather and seasons affect our lives in different ways.</p> <p>Description: In this unit, students consider how weather and seasons affect people and the environment; how we observe, predict and understand weather and seasons; and the nature/causes of different types of weather. Patterns of the motion of the sun, moon and stars can be observed, described and predicted.</p>

<p>Adaptation</p>  <p>Key concepts: function, causation, connection</p>	<p>Big Idea: Plants, animals and humans adapt in many ways and survive in many different parts of the world.</p> <p>Description: Students research the classification of plants and animals, and how habitats work. They also inquire into the ways in which species have adapted to their environment (including humans), and how people can help species survive.</p>
<p>Light and Sound</p>  <p>Key concepts: form, connection, function.</p>	<p>Big Idea: Knowing that light and sound come from different sources and has different properties help us to understand that they are essential resources.</p> <p>Description: This unit is an inquiry into the natural world and its laws. Students will explore different materials that can make sound; and how sound can make matter vibrate and vibrating matter can make sound. Students will also explore and investigate natural and artificial light, as well as how light behaves with different materials and bodies in the path of a beam.</p>
<p>How we express ourselves</p>  <p>Key concepts: form, causation, perspective</p>	<p>Big Idea: Storytelling allows people to express themselves in unique ways.</p> <p>Description: In this unit, students consider what a story is, why people tell stories, and how stories can be told in different ways. They explore how traditional tales are passed down and change overtime. They also explore elements of different genres and create their own stories. The lens is language and literature, as well as history.</p>