

## Washington Township School District

### STEM/Makerspace Curriculum

<b>Grade:</b>	K	<b>Mystery Science Unit/Project Title:</b>	Basic Needs of Living Things
<b>NJ Learning Standard(s):</b>	K-LS1-1, KESS3-1, K-ESS2-2, K-PS3-1, K-PS3-1, K-2ETS1-1, K-2ETS1-2,		
<b>Objective:</b>	<p>SWBAT:</p> <ul style="list-style-type: none"> <li>Discover animal adaptations.</li> <li>Design a beak to pick up specific objects.</li> <li>Design a model of a tent that provides shade.</li> <li>Compare the energy efficiency of their tent by melting ice cubes.</li> <li>Create a replica of a home for an animal of their choice.</li> </ul>		
<b>STEM/ Unit Activities</b>	<p><a href="#">Bird Beak Stations</a></p> <p><a href="#">Shady Spot</a></p> <p><a href="#">Home Sweet Home</a></p>		
<b>Suggested Assessments:</b>	<ul style="list-style-type: none"> <li>Exit Ticket</li> <li>Journal</li> <li>Reflection Sheet</li> </ul>		
<b>Supplies Needed:</b>	<p>Bird Beak: Plastic spoons, craft sticks, cardboard pieces, rubber bands, skewers, chopsticks, pipe cleaners, paper plates, tape and scissors, assorted noodles</p> <p>Shady Spot: paper plates, construction paper, unifix cubes, ice cubes</p> <p>Home Sweet Home: variety of building materials, such as Legos, base ten blocks, unifix cubes, pattern blocks, play-doh, construction paper</p>		
<b>Resources to Support Unit:</b>	<p><a href="#">Birds of All Kinds</a>; <a href="#">Beaks</a>; <a href="#">Fine Feathered Friends</a>; informational books about sunlight; informational books about animal home and habitats</p>		

