

Washington Township School District

STEM/Makerspace Curriculum

Grade:	K	Mystery Science Unit/Project Title:	Basic Needs of Living Things
NJ Learning Standard(s):	K-LS1-1, KESS3-1, K-ESS2-2, K-PS3-1, K-PS3-1, K-2ETS1-1, K-2ETS1-2,		
Objective:	<p>SWBAT:</p> <ul style="list-style-type: none"> • Discover animal adaptations. • Design a beak to pick up specific objects. • Design a model of a tent that provides shade. • Compare the energy efficiency of their tent by melting ice cubes. • Create a replica of a home for an animal of their choice. 		
STEM/ Unit Activities	<p>Bird Beak Stations</p> <p>Shady Spot</p> <p>Home Sweet Home</p>		
Suggested Assessments:	<ul style="list-style-type: none"> • Exit Ticket • Journal • Reflection Sheet 		
Supplies Needed:	<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>		

**Resources to
Support Unit:**

Birds of All Kinds; Beaks; Fine Feathered Friends; informational books about sunlight; informational books about animal home and habitats

