

Unit: **STRUCTURE, FUNCTION, AND INFORMATION PROCESSING**

Timeline: **Spring**

Grade 1

Essential Question: **How do living things survive?**

Performance Expectations	Core Ideas	Practices	Assessments	Suggested Resources
<p>1-LS1-1</p> <p>Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs</p>	<p>Animals and plants have different parts that help them survive/grow</p> <p>Animals and plants have body parts that capture and convey different kinds of information needed for growth and survival; they respond to these inputs with behaviors that help them survive</p>	<p>Constructing Explanations and Designing Solutions</p>	<p>• "Build a Bird" activity/writing</p> <p>Further assessments will be chosen/created by grade level teams</p>	<ul style="list-style-type: none"> Plant adaptation worksheet Leaf shape experiment Leaf thickness experiment Animal covering sort Adaptations flapbook Kinds of structures worksheet Mixed-up creatures activity Beak investigation "Ducks Don't Get Wet" experiment How <i>Animals Stay Safe</i> ReadWorks passage BrainPop, Jr.
<p>1-LS1-2</p> <p>Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive</p>	<p>Adult plants and animals can have young; many parents/offspring engage in behaviors that help the offspring survive</p> <p>Animals/plants have parts that capture and convey different kinds of info needed for growth and survival; they respond to help them survive</p>	<p>Obtaining, Evaluating, and Communicating Information</p>		<ul style="list-style-type: none"> Hibernation reading passages Hibernation demonstration Migration reading passage Behavioral/physical adaptation sort Tiger babies close read BrainPop, Jr.
<p>1-LS1-3</p> <p>Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents</p>	<p>Plants and animals are very similar to, but not exactly like their parents</p> <p>Individuals of the same kind of plant or animal are similar but also can vary in many ways</p>	<p>Constructing Explanations and Designing Solutions</p>		<ul style="list-style-type: none"> Animal babies mini-book Parent/offspring observe, compare, and contrast Meet a Baby Panda ReadWorks passage A Baby Polar Bear Grows Up ReadWorks passage

Vocabulary: Adaptation, physical adaptation, behavioral adaptation, mimicry, camouflage, migration, hibernation, offspring, communicate