

# 1st Grade: Plant & Animal Defenses

**Driving Question:** How can we as aquarium scientists explain to visitors how different plants and animals can survive in the ocean habitat?

**Content:**

1-LS1-1. 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.

1-LS1-2. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.

1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

K-2-ETS1-1. Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.

K-2-ETS1-2. Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.

**Major Products:** Students will work with a teammate to create a model that shows how a marine plant or animal defends itself from sharks in the ocean.

**Public Presentation:** Students will create an exhibition to display each of their models. Each team will present their models to an audience with an oral explanation of how it works.

