



Patterns of Plants and Animal Survival Kindergarten

Overview

Using their own observations, students will determine what plants and animals (including humans) need to survive. They will collect data on Chihuahuan Desert plants and animals, both from models and in animal habitats. As a class, they will use data from their observations to find patterns in plant and animal survival needs. Finally, the class will play a “survival game” using their new knowledge and showing evidence of their learning.

Phenomenon

Plants need water and the sun to survive; animals need water and food to survive.

Next Generation Science Standards Addressed

K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive

Asombro lessons are aligned with the three-dimensional learning model of the Next Generation Science Standards.

Science & Engineering Practices	Disciplinary Core Ideas	Cross Cutting Concepts
Analyzing and interpreting data Developing and using models	LS1.C Organization for matter and energy flow in organisms	Patterns

Common Core State Standards Addressed

ELA-Literacy

K.SL.1 Participate in collaborative conversations with diverse partners about kindergarten topics and texts with peers and adults in small and larger groups.

Mathematics

K.MD 3 Classify objects and count the number of objects in each category.

K.CC.B.5 Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.

K.CC.C.6 Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.