

## **Living Lab Extension: Flower Dissection** (primarily targeted to K-3rd)

### **K-1 NGSS Performance Expectations and Standards**

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

K-ESS3-1. Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

1-LS1-2 From Molecules to Organisms: Structures and Processes

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.

### **2nd grade NGSS Performance Expectations and Standards**

LS2.A: Interdependent Relationships in Ecosystems: Plants depend on water and light to grow. Cross cutting concept: Cause and Effect Events have causes that generate observable patterns.

2-LS4-1 Biological Evolution: Unity and Diversity

Make observations of plants and animals to compare the diversity of life in different habitats

### **3rd grade NGSS Performance Expectations and Standards**

LS2- LS1-1 From molecules to Organisms: Structures and Processes

Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.

3-LS3-1 Heredity: Inheritance and Variation of Traits

Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms

### **Common Core Standards**

*Reading Foundational Skills* supported through reading associated with this lesson. *Reading Informational Text* achieved through readings associated with this lesson.