

## DCI: Heredity: Inheritance and Variation of Traits

### 1.LS3.A: Inheritance of Traits

Young animals are very much, but not exactly like, their parents.  
Plants also are very much, but not exactly, like their parents. (1-LS3-1)

## DCI: Heredity: Inheritance and Variation of Traits

### 1.LS3.B: Variation of Traits

Individuals of the same kind of plant or animal are recognizable as similar but can also vary in many ways. (1-LS3-1)

## Performance Expectation

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

**Clarification Statement:** Examples of patterns could include features plants or animals share. Examples of observations could include leaves from the same kind of plant are the same shape but can differ in size; and, a particular breed of dog looks like its parents but is not exactly the same.

**Assessment Boundary:** Assessment does not include inheritance or animals that undergo metamorphosis or hybrids.

## Science and Engineering Practice

### Constructing Explanations and Designing Solutions

Constructing explanations and designing solutions in K–2 builds on prior experiences and progresses to the use of evidence and ideas in constructing evidence-based accounts of natural phenomenon and designing solutions.

Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena. (1-LS3-1)

## Crosscutting Concept

### Patterns

Patterns in the natural and human designed world can be observed, used to describe phenomena, and used as evidence. (1-LS3-1)

## Common Core State Standards for ELA/Literacy

### Reading Informational Text

#### RI.1.1 - Key Ideas and Details

Ask and answer questions about key details in a text. (1-LS3-1)

## Common Core State Standards for ELA/Literacy

### Card Type name

#### **W.1.7 - Research to Build and Present Knowledge**

Participate in shared research and writing projects (e.g., explore a number of “how-to” books on a given topic and use them to write a sequence of instructions). (1-LS3-1)

## Common Core State Standards for ELA/Literacy

### Card Type name

#### **W.1.8 - Research to Build and Present Knowledge**

With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question. (1-LS3-1)

## Common Core State Standards for Mathematics

### Measurement & Data

#### **1.MD.A.1 - Measure lengths indirectly and by iterating length units.**

Order three objects by length; compare the lengths of two objects indirectly by using a third object. (1-LS3-1)

**Common Core State Standards for Mathematics**

**Mathematical Practices**

**MP.2 - Reason abstractly and quantitatively**

CCSS text (1-LS3-1)

**Common Core State Standards for Mathematics**

**Mathematical Practices**

**MP.5 - Use appropriate tools strategically**

CCSS text (1-LS3-1)