



# SKELETONS: Museum of Osteology

## Locomotion and Skeletal Adaptations

*Project Lead the Way (PLTW)*

**Grade Levels: 3<sup>rd</sup>- 5<sup>th</sup>**

### **English**

#### **SL.3.1: Speaking and Listening**

SL.3.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.

#### **SL.3.6: Speaking and Listening**

SL.3.6: Speak in complete sentences when appropriate to task and situation in order to provide requested detail or clarification.

### **Natural Science**

#### **LS3-1: Heredity: Inheritance and Variation of Traits**

LS3-1: 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.

#### **LS3-2: Heredity: Inheritance and Variation of Traits**

LS3-2: Use evidence to support the explanation that traits can be influenced by the environment.

#### **LS3.A Inheritance of Traits**

LS3.A: Many characteristics of organisms are inherited from their parents. Other characteristics result from individuals' interactions with the environment, which can range from diet to learning. Many characteristics involve both inheritance and environment.

#### **LS3.B Variation of Traits**

LS3.B: Different organisms vary in how they look and function because they have different inherited information. The environment also affects the traits that an organism develops.

### **Science and Engineering Practices – Obtaining, Evaluating, and Communicating Information**

Builds on K-2 experiences and progresses to evaluating the merit and accuracy of ideas and methods.

### **Crosscutting Concept – Patterns**

Patterns can be used as evidence to support an explanation.

### **Crosscutting Concept – Cause and Effect**

Cause and effect relationships are routinely identified, tested, and used to explain change.