



SKELETONS: Museum of Osteology

Locomotion: How Animals Move

Project Lead the Way (PLTW)

Grade Levels: 1st -2nd

English:

RI.1.1: Reading Informational

RI.1.1: Ask and answer questions about key details in a text.

RI.1.2: Reading Informational

RI.1.2: Identify the main topic and retell key details of a text.

RI.1.10: Reading Informational

RI.1.10: With prompting and support, read informational texts appropriately complex for grade 1.

RF.1.4: Reading Fluency

RF.1.4: Read with sufficient accuracy and fluency to support comprehension.

W.1.8: Writing

W.1.8: With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

SL.1.1: Speaking and Listening

SL.1.1: Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

SL.1.1.A: Speaking and Listening

SL.1.1.A: Follow agreed-upon rules for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion).

SL.1.1.B: Speaking and Listening

SL.1.1.B: Build on others' talk in conversations by responding to the comments of others through multiple exchanges.

SL.1.1.C: Speaking and Listening

SL.1.1.C: Ask questions to clear up any confusion about the topics and texts under discussion.

SL.1.2: Speaking and Listening

SL.1.2: Ask and answer questions about key details in a text read aloud or information presented orally or through other media.

SL.1.6: Speaking and Listening

SL.1.6: Produce complete sentences when appropriate to task and situation.

L.1.4: Literacy

L.1.4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 1 reading and content, choosing flexibly from an array of strategies.

L.1.5: Literacy

L.1.5: With guidance and support from adults, demonstrate understanding of word relationships and nuances in word meanings.

L.1.6: Literacy

L.1.6: Use words and phrases acquired through conversations, reading and being read to, and responding to texts, including using frequently occurring conjunctions to signal simple relationships (e.g., because).

Natural Science**LS1.A: Structure and Function**

LS1.A: All organisms have external parts. Different animals use their body parts in different ways to see, hear, grasp objects, protect themselves, move from place to place, and seek, find, and take in food, water, and air. Plants also have different parts that help them survive and grow.

LS1.B: Information Processing

LS1.B: Animals have body parts that capture and convey different kinds of information needed for growth and survival. Animals respond to these inputs with behaviors that help them survive. Plants also respond to some external inputs.

Cross Cutting Concept - Systems and System Models

A system is an organized group of related objects or components; models can be used for understanding and predicting the behavior of systems.

- o Objects and organisms can be described in terms of their parts.
- o Systems in the natural and designed world have parts that work together.

Cross Cutting Concept - Structure and Function

The way an object is shaped or structured determines many of its properties and functions.

- o The shape and stability of structures of natural and designed objects are related to their function(s).

Science and Engineering Practice – Asking Questions and Defining Problems

Asking questions and defining problems in K-2 builds on prior experiences and progresses to simple descriptive questions that can be tested.

Science and Engineering Practice – Analyzing and Interpreting Data

Analyzing data in K-2 builds on prior experiences and progresses to collecting, recording, and sharing observations.

Science and Engineering Practice – Engaging in Argument from Evidence –

Engaging in argument from evidence in K-2 builds on prior experiences and progresses to comparing ideas and representations about the natural and designed world(s).

Science and Engineering Practice – Obtaining, Evaluating, and Communicating Information

Obtaining, evaluating, and communicating information in K-2 builds on prior experiences and uses observations and texts to communicate new information.