

Evolution Revolution

Become a student paleontologist at the Museum. Using real specimens and tools compare and contrast living and extinct organisms.



About the Learning Lab

Museum Theme: Fossils

Grades: 2nd - 4th grades

Duration: 60 minutes

Capacity: 30 per session, multiple sessions available for larger groups

Cost: \$6/student, \$4/KUSD student

Includes 1 Museum Experience and Class Discovery time

Goals of the Lab:

- Students will learn what heredity is
- Students will understand that evolution isn't perfect
- Students will make observations of animals to compare the diversity of life in different habitats using real specimens
- Students will work collaboratively to build critical thinking skills
- Students will engage in workshop generated conversations with teachers, other classmates and the facilitator

Standards:

- 2nd grade
 - LS2 Ecosystems: Interactions, Energy, and Dynamics
 - LS4 Biological Evolution: Unity and Diversity

- 3rd grade
 - LS1 From Molecules to Organisms: Structures and Processes
 - LS2 Ecosystems: Interactions, Energy, and Dynamics
 - LS3 Heredity: Inheritance and Variation of Traits
 - LS4 Biological Evolution: Unity and Diversity
- 4th grade
 - LS1 From Molecules to Organisms: Structures and Processes

S&E Practices:

- Analyze and Interpret Data
- Engaging in Argument from Evidence
- Obtaining, Evaluating and Communicating Information

CCC:

- Patterns
- Cause and Effect
- Structure and Function
- Stability and Change

Wisconsin 4th Grade:

- C.4.1 Use the vocabulary of the unifying themes to ask questions about objects, organisms, and events being studied
- C.4.5 Use data they have collected to develop explanations and answer questions generated by investigations
- C.4.7 Support their conclusions with logical arguments