

# Jurassic Mystery

*Become a paleontologist and examine footprints, identify tooth marks and investigate rock depositions. Follow the evidence to uncover what happened at the site in central Wyoming 150 million years ago.*



## About the Learning Lab

Museum Theme: Fossils

Grades: 5<sup>th</sup> - 8<sup>th</sup> grades

Duration: 60 minutes

Capacity: 30 per session, multiple sessions available

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

Includes 1 Museum Experience and Class Discovery time

## Goals of the Lab:

- Students will understand how to interpret basic evidence found at a dig site
- Students will learn about the field of taphonomy
- Students will work collaboratively to build critical thinking skills
- Students will engage in workshop generated conversations with teachers, other classmates and the facilitator

## Standards:

NGSS

DCI:

- 5<sup>th</sup> grade
  - LS2 Ecosystems: Interactions, Energy, and Dynamics

- ESS2 Earth's Systems
- Middle School
  - LS4 Biological Evolution: Unity and Diversity
  - ESS2 Earth's Systems

S&E Practices:

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

CCC:

- Patterns
- Cause and Effect
- Stability and Change

Wisconsin Science Standards by 8<sup>th</sup> grade:

- C.8.2 Identify data and locate sources of information including their own records to answer the questions being investigated
- C.8.4 Use inferences to help decide possible results of their investigations, use observations to check their inferences
- C.8.6 State what they have learned from investigations, relating their inferences to scientific knowledge and to data they have collected
- C.8.10 Discuss the importance of their results and implications of their work with peers, teachers, and other adults