

DINOSAURS - EXPLORATION for GRADES K-2



Dinosaur Dentists

OVERVIEW

Become paleontologists for the day by comparing teeth from modern day and prehistoric animals. Students work in pairs to observe, describe, and sort replicas of teeth from prehistoric and modern animals. Using that evidence, students will identify whose teeth are whose. Then they apply this knowledge to investigate what these dinosaurs may have had for lunch!

LOGISTICS

Program Length: 50 minutes

Audience Size: Up to 30 students

Preparation: Science Museum Instructor brings all needed equipment and materials.

This program requires at least 1 table for instruction materials and tables for students. It is best to try to leave program in a designated space rather than moving from room to room.

Please allow 1 hour each for initial setup and final teardown.

Please allow for at least 10 minutes to reset between classes.

SCIENCE EXPERIENCE GOALS

- Students engage in the practice of science by making observations and comparison, collecting data, and interpreting physical evidence.
- Fossils provide evidence of plants and animals that lived long ago.
- The shape and size of teeth provides information about the animal's food, and may relate to an animal's size.

VOCABULARY INTRODUCED

- Observe, Describe
- Tooth, Root
- Prehistoric, Modern

STANDARDS

MN Academic Standard Strand: The Nature of Science and Engineering (0.1.1.2.1, 1.1.1.1.1, 1.1.1.1.2)

NGSS Science and Engineering Practices: Analyzing and Interpreting Data (1-ESS1-1), Constructing Explanations and Designing Solutions (1-LS3-1)

NGSS Crosscutting Concepts: Structure and Function (2-LS2-2)

If you have further questions on bringing programming to your school, please contact our Outreach Registration Coordinator at (651) 221-4748 or schooloutreach@smm.org.