

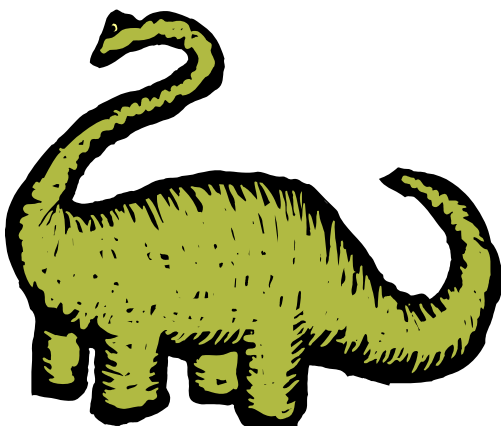


## **Eighth Grade**

**Health of the Hydrosphere** - Students will participate in water testing for pH, nitrates, and turbidity. They will participate in a simulation of macro invertebrates to determine the health of three different streams. If the time of year is appropriate, students will use dip nets to retrieve live macro invertebrates for identification and then hike the lake trail to see vertebrates in and around the lake to complete their bio-assessment.

**Rockin' Through the Ages** - How are fossils made? Search through our fossil pit for shark's teeth and fossilized remains of animals that lived millions of years ago. Identify these animals and learn why they are extinct. Engage in activities that teach Geologic Time. Enjoy playing the Fossilization Game!

**Nature's Jigsaw** – Piece together the animals and plants in our forest. Discover how each individual in the food chain fits into the complete ecosystem puzzle. Explore the transfer of energy in a natural system. Students will search for evidence of trophic levels and make connections between diversity and energy availability.



### ***Coming Soon!***

Add a planetarium show to your field trip! Go back in time when dinosaurs lived and explore the hypotheses of their extinction.