

FAMILY ADVENTURES WITH MATH & SCIENCE

Family Adventures with . . . DINOSAURS *Moderate Activities*

Read *Oh Say Can You Say Di-no-saur?* by Bonnie Worth. Discuss how dinosaurs are alike and how they are different. Consider what they ate (carnivore vs. herbivore), how they walked (on four feet vs. two feet), and the type of foot (number of toes, claws, etc.).

Pretend to be an herbivore. Put some small sticks, grass or leaves in an empty plastic pop bottle. Add a little water and some small rocks. Put the cap on it and shake hard for as long as you can. What happened to the sticks, grass and leaves? Could this be what it looked like in the belly of a herbivore?

Watch the *The Magic School Bus: The Busarus* video.

What period in time did the Magic School bus visit?

What kind of dinosaur did the class see first?

What kind of dinosaur stole Dr. Skeledon's egg?

Name as many plant-eating dinosaurs as you can from the video.

How do scientists figure out which dinosaurs were herbivores and which ones were carnivores?

Use the small **plastic dinosaurs** located in the kit to arrange in order of smallest to largest based on the actual sizes of the dinosaurs. (Discuss first whether to use length, height, or weight as the measure of size and then use the data sheet located in this folder.)

Read *How Big Were the Dinosaurs? Gigantic!* by Patrick O'Brien. For any chosen dinosaur, try to create as many true sentences as possible comparing the dinosaurs to familiar items:

This dinosaur is as big as a ...

This dinosaur is bigger than a ...

This dinosaur is smaller than a ...