



Start Here

- ✓ Read the letter from the scientist below
- ✓ Look through your backpack to find what's in there
- ✓ Decide who will do the roles. There are name badges in the front pocket of the backpack.
- ✓ Switch the roles at least once during your visit
- ✓ Read the directions at the top of each of your worksheets.
- ✓ The number and title of the worksheet activity match the number and title on the photo guide to help you find the exhibit you need.
- ✓ If the exhibit is busy, do another one. They do not have to be done in number order.

Dear Students,

Welcome to the Science Museum! You will be studying dinosaur growth by comparing fossil bones of the femurs of an adult and a baby *Apatosaurus* dinosaur (one of the “long-necks”) to see how they compare in length and circumference.

You will also measure tree rings! Scientists often use models from other fields to help them understand their own research. Trees form rings within the trunk that we can measure to learn more about the way the tree grew. Dinosaur bones also have rings that are similar to those in tree rings, but we need a microscope to see them. You will take a look at dinosaur bone rings when you get back to your classroom. Think about what you learn from the tree rings as you look at the microscope slides of dinosaur bones.

Thanks for your hard work,

Kristi Curry Rogers,
Curator of Paleontology

