

Keep this sheet.  
Collect them all!



## Explore your world with this Science-to-Go backpack



### Books in this backpack

- Can you Tell a Giganotosaurus from a Spinosaurus?  
by Buffy Silverman
- How Big Were Dinosaurs?  
by Lita Judge
- How the Dinosaur Got to the Museum  
by Jessie Hartland
- National Geographic Little Kids First Big Book of Dinosaurs  
by Catherine Hughes
- The Greatest Dinosaur Ever  
by Brenda Guiberson

More books  
at the  
library

Dig Those Dinosaurs. Lori Haskins Houran. E HOURAN  
Dinosaur Bones. Bob Barner. E567.9  
Dinosaur Days. Joyce Milton. E567.9  
My Little Book of Dinosaurs. Dougal Dixon. E567.9  
Why Did T. rex Have Short Arms? Melissa Stewart. J567.91

Local Connection

Visit  
the Pacific  
Science Center  
exhibit Dinosaurs:  
A Journey Through Time.

Dinosaurs came in many shapes and sizes. With just a measuring stick and a piece of chalk you can get a sense for just how big or small different types of dinosaurs were!

## What you need:

- Pictures of dinosaurs. Use *National Geographic Little Kids First Big Book of Dinosaurs* as a starting point.
- Find measurements of the dinosaurs (see below)
- Measuring stick or tape measure
- Chalk or string

## Try this:

1. Talk with your kids about the dinosaur pictures. Ask them to estimate if each dinosaur was larger or smaller than a dog or horse. Was it bigger than a car, a bus, or a house?
2. Go outside and find a big patch of cement (grass works too!) Use the chalk (or string if you're on grass) to create an outline of your children, or have them outline each other.
3. Have each child measure the height and length of their own outline.
4. Find pictures of the dinosaurs listed below. Help your child measure out the dinosaur's length and height on the cement.

Dinosaur	Length	Height
Scutellosaurus	4 ft	1.5 ft
Triceratops	30 ft	10 ft
Utahraptor	20 ft	6.5 ft
Tyrannosaurus	40 ft	18 ft

5. Can they imagine the shape of the dinosaur?
6. How much taller or shorter are the kids than each dinosaur?

## Going Further

Record your thoughts and observations in the field guide!  
Looking for additional dinosaur information?  
Explore the UK Natural History Museum's Dino Directory online.