



Big Bones, Little Bones
Sorting it out

Subject: Science, Math, and History/Kindergarten

Skills: sorting, identifying shapes, sequencing by size

Strategies: Hands-on, cooperative learning

Time: 30 to 45 minutes, work in teams

Objectives:

SOLs	Student will:
Science K.1	Conduct investigations in which <ul style="list-style-type: none"> • Basic properties are identified by direct observation • A set of objects is sequenced according to size • A set of objects is separated into two groups based on a single attribute
Math K.2, K.19	Given a set containing nine or fewer concrete items will tell how many are in a set by counting the number of items orally. Will sort and classify objects according to similar attributes if size, color and shape,
History K.1	Will understand that history relates to events and people of other times and places.

Background: Archaeologists at Jamestown Rediscovery have excavated almost half-a-million artifacts. Some of the objects are **animal bones**. The archaeologists dig up things that people used **a long time ago** to tell them about life in the **past**.

Archaeologists need to know what **kind** of animal bones they have dug up. They need to know what **size** they are. The first thing the archaeologists do is to sort the bones. When they find out what kind of bones are there, they can learn about what people ate at **Jamestown 400 years ago**.

The templates for the drawings (in the elementary folder under bones1 and bones2) are of bones that were discovered by the archaeologists at Jamestown Rediscovery. Students can cut these out and sort them like the archaeologists do when they studied them at Jamestown.