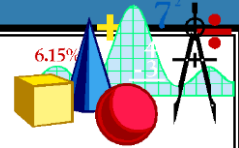Mathematics, Grade 6
Unit III: Lesson 2   Chart / Demonstration: **Dead Bones Talk**

Archaeologists often find only a few bones of an organism and from those bones try to reconstruct the original creature. Do research to discover how this is done.

Measure the lengths of various body parts; such as fingers, joints of fingers, forearm, fingers to elbow, leg, etc. Looking for proportional relationships, compare the lengths of these various parts of the body.

Make a chart or formula illustrating these relationships. Using the chart or formula, predict the probable length of certain body parts if given the total height or be able to predict the total height of an individual if given the length of a certain body part.

Demonstrate the use of your chart or formula to the class in a "Magic Show" program. You are to amaze your classmates with your ability to guess correctly their height, etc.