Lesson Title: Measure the trunk

Grade: 5th

Objectives: Understand the relationship between radius and diameter (circumference too)

Standards: Math

5.G.1: Identify, describe, and draw triangles (right, acute, obtuse) and circles using appropriate tools (e.g., ruler or straightedge, compass and technology). Understand the relationship between radius and diameter.

Materials/preparation: calipers, paper, pencil, clipboards

Sequence of activities/procedures: Students will use the calipers in the metric system to determine growth. Using the data, students may speculate how much growth will occur within a year.

Assessment/Closure: Students will create a bar graph to show the results of the radius and diameter.