**Be an Archaeologist for the Day This is an IDEA page. Adapt for your classroom.**

Archaeologists take broken pieces of pottery and determine what size the original dish was.

Give each student a piece of “broken pottery”. (Cut out parts of paper or foam plates, cups, and bowls.)

They should trace a piece of the rim, draw two chords, construct perpendicular bisectors.

The intersection of the perpendicular bisectors is the center of the circle.

Measure the radius. Determine the original circumference of the item.

Check answer with teacher.