

# ***Sir Cumference:*** **Student Assessment Task**

## ***Work that student pairs do:***

1. Both students create a cone solid with modeling clay.
2. Students estimate the circumference of the circular face on the two cones.
3. Students measure the actual circumference.
4. Students use the dental floss to create a cross section (cut) at the point on the cone where they believe the circular face would have a circumference of 5 cm.
5. Students measure to find the actual circumference of the cross section. Each pair watches the process of measuring used by the other student.
6. Students measure to find the diameter of the circular face using any method they wish.
7. Students find the radius of the circular face using any method they wish.