Name:	Date:	Period:
	Orange Activity	
Objective: Find the	he surface area and the volume of an orange.	
<b>Instructions:</b>		
1) Measure with	a ruler (Inches or Centimeters) the diameter of th	e orange.
Orange Diameter	::	
2) Calculate the r	radius of sphere using the Diameter. (Radius = $\frac{Dia}{c}$	$\frac{ameter}{2}$ )
Radius:		
2) Peel the orange	e and save the peels. DO NOT THROW THEM	AWAY!!!!!
	f the paper, place the orange peel in a rectangle-liew calculate the area of the new rectangle. (Area of	<del>-</del>
Area of Orange F	Peel Rectangle (Don't forget units!):	
orange. (Surface	formula for the surface area of a sphere, calculated Area of Sphere: $4\pi r^2$ )  Orange:	te the surface area of the
	area of the orange peel rectangle (#3) compare to Are they the same or different? Why?	o the calculated surface area of
orange using the	g inside of the orange is the volume of the orange radius. (Volume of Sphere: $\frac{4}{3}\pi r^3$ ) range:	. Calculate the volume of the
7) Restore the are	ea around you and enjoy your orange.	