

Draft SGB Rubrics for: Unit 3 Grade: 7

Notes: I chose to focus on standard 7.G.B.4 although a few lessons use proportional reasoning to figure out the circumference and area equations and build students' understanding of pi.

CCSS.MATH.CONTENT.7.G.B.4

Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.

Learning Target #1	Just Getting Started 1	On My Way 2	Getting The Hang of It 3	I Get It! I Really Do! 4
I can find the circumference of a circle.	I can find the circumference with partial accuracy.	Given the radius or diameter, I can find the circumference.	I can find the perimeter of compound shapes.	I can express the perimeter of compound shapes in multiple ways.

Learning Target #2	Just Getting Started 1	On My Way 2	Getting The Hang of It 3	I Get It! I Really Do! 4
I can find the area of a circle.	I can find the area of circles with partial accuracy.	I can find the area of circles given the diameter or radius.	I can find the area of compound shapes that include parts of circles.	I can find the area of compound shapes including parts of circles and express the answer in multiple ways.

Learning Target #3	Just Getting Started 1	On My Way 2	Getting The Hang of It 3	I Get It! I Really Do! 4
I can solve word problems related to circles.	I can identify whether a problem requires circumference or area with partial accuracy.	I can identify whether a problem requires calculating the circumference or the area.	I can solve word problems that require finding the area or circumference.	I can solve word problems related to circles that incorporate proportional reasoning.

