

THE CIRCLE PROJECT

Criteria and Scoring Guide

“BACK” SIDE:

1. Definitions (this must include any relevant formulas) (2 points maximum each for a definition that includes a verbal and symbolic statement. 1 point for only one version). Include information in your own words.
 - Diameter
 - Radius
 - Circumference
 - Chord
 - Center point
 - Arc
 - Area
2. Examples of each definition on a sample circle with labels (3 points each for correct answers, accurate labels, and well constructed circles. One -two points off for any not poorly done). Include information in own words.
 - Diameter
 - Radius
 - Chord
 - Center point
 - Arc
 - Circumference
 - Area
3. Computations for each with units of measure included:

<u>Your circle</u>	<u>The “real” circle</u>
• Diameter (1pt)	• Diameter (1pt)
• Radius (2pts)	• Radius (2pts)
• Circumference (4pts)	• Circumference (4pts)
• Area (4pts)	• Area (4pts)
4. Any relevant ratios of your circle to real circle - (6 points for a correct answer stated in a an acceptable ration form)

5. PI - Include information in your own words.
 - The number written out (2 points)
 - The significance of pi (5 points for a minimum of three elements)
6. Poems or songs (maximum of 15 points if explained, 6 if you use my example and explain in your own words)
7. Other cultural references (maximum of 10 points if understanding is demonstrated. Include information in your own words.)
8. Appropriateness, creativity, and attractiveness of the background (5 points maximum as judged using elements of visual arts classes)
9. General Neatness and Care (10 points maximum)

“FRONT” SIDE:

The “front side will be scored for these factors:

- The **originality** of your choice, the **creativity** of how you have represented that choice, and that item’s **appropriateness** to be represented as a circle.
- How well you have made the **real** object recognizable in your project.
- The **care** you have put into creating and maintaining your project.
- Use of **appropriate techniques** learned in FAIR visual arts classes. (I will be asking our visual arts teachers for assistance scoring this.)

	“Front” Side (1/3)	55
+	“Back” Side (2/3)	110
	Total score (3/3)	165

PLEASE BE SURE YOUR NAME IS ON YOUR WORK IN A WAY THAT IS VISIBLE BUT DOESN’T DETRACT FROM THE VISUAL EFFECT OF EITHER SIDE OF THE PROJECT.