

Experimental Math!: Basketball Lab
SUPPORT *PERSEVERANCE SPIRIT*

Name: _____ Grade: _____ Email: _____

Objective: Design a two dimensional basketball, define its properties, collect and analyze data, and make conclusions!

Basketball(Circle) Properties Key				Scientific Inquiry
<i>Property</i>	<i>Color</i>	<i>Property</i>	<i>Color</i>	<i>Today's Variable</i>
diameter		chord		
radius		tangent		
area		circumference		

Draw a circle (basketball) with a diameter of _____.

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Draw a data table!

Dimensions = _____ by _____

Draw a bar graph

Dimensions = _____ by _____

Analyze Data		Scientific Inquiry
<i>Mean</i>		<i>Make a conclusion!</i>
<i>Range</i>		
<i>Median</i>		
<i>Mode</i>		