

## Artifact #2: Evidence Poster- Polygons

### How to make the poster

Tape the work from each of the stations together: Stations 3, 5, and 2 (in this order)		
Tangram Puzzle station	Grand Father Tang's Story	Finding Area and Perimeter of irregular shapes
Work product: Tangram puzzle you made taped together. The answers to the station questions on the back (or separate sheets)	Work Product: The tangram animal glued to paper. The name of the animal and the role it played in the story. Answers to the table at the bottom of the picture.	Graph paper with the completed book work problems.
Make a "title strip" that will cover the top of all three stations. Write the word Polygon as the title of your evidence poster. Give the definition of the word right next to it.		
Make another title Strip to tape to the bottom of your three columns of work product that says: Putting it all together		
Tangrams are made of _____.		
What are the names of the three polygons that are used to make the Tangram puzzle? How many of each are there in the puzzle.		
Name the polygons:		How many used in the puzzle?
Write the Area formula for each of the polygons:		
Name & Area formula	Name & Area formula	Name & Area formula
Use your notes from last week's definitions to define:		
Base:		Height:
Make a parallelogram that is 5cm X 10 cm. Label the base and height of your parallelogram and verify its height by "definition".		
Based on the formula for AREA of a Parallelogram, develop the area formula for a square and right triangle. Be sure to use a ruler.		
Write a summary statement about polygons and the space they cover; be sure to use the words area and perimeter in your summary.		

**Grading Rubric: Artifact #2- Polygons**

<b>4=50 points</b>	<b>3=37.5 points</b>	<b>2= 25 points</b>	<b>1= 12.5 points</b>
<p>Work from each station. All of the instructions were followed, all questions were answered correctly, the work is neat, the work is taped in the correct order, the titles are in place, ALL poster questions are answered All answers are correct The poster is appropriately decorated. The summary is accurate</p>	<p>Work from each station. All of the instructions were followed, all questions were answered correctly, the work is neat, the work is taped in the correct order, and the titles are in place. Most of the poster questions are answered and are mostly correct. The summary is very close to accurate.</p>	<p>At least two of the work station products are complete. All of the instructions were followed and all of the work is accurate. the work is neat, the work is taped in the correct order, the titles are in place. Most of the poster questions are answered and are mostly correct. The summary is very close to accurate.</p>	<p>Less than two stations are complete. Some of the answers are correct. Some of the answers are present. Some of the instructions on the poster have been followed. The work is not neat. The summary does not demonstrate understanding.</p>