Choice Board Area
Tic, Tac, Toe, Choose Three in a Row

Name _____
Date _____

Design and color a flag. The design should include two or three of the following shapes: parallelogram, rectangle, square, triangle, trapezoid, or Circle. On the back of the flag give: 1. The perimeter and area of the entire flag. 2. The perimeter and area for each of the shapes in the flag.	Make up a quiz containing five area problems with sketches. Make up an answer key showing how the solutions were computed. The questions should include finding: 1. Perimeter and area of a rectangle. 2. Area of a parallelogram that is not a rectangle 3. Area of a triangle 4. Area of a trapezoid 5. Area of a circle	Perimeter, area and volume require different units of measure, because they are different kinds of measurements. Make up a song, rhyme or rap to help you remember the difference in meaning of perimeter, area and volume
1. Sketch and label two different rectangles that would have the same perimeter, but different areas. 2. Sketch and label two different rectangles that would have the same area, but different perimeters	List the formulas for finding area we have discussed. Then, describe to another student a situation outside school where finding area would be necessary. Have the student write a note on the back of this paper saying you have described the situation and sign the note.	Sketch the plans for a bedroom you would love to have, or find plans on the internet. Label the dimensions of the room, sketch in and color the furniture you wish for. 1. Find the perimeter and area of the room. 2. If you were ordering carpet for the room, how many square yards would be needed?
Write a debate speech that convinces others formulas make finding area easier or that formulas make finding area more difficult than counting area.	Make a list of three real world objects for each shape below: *Square* *Rectangle* *Triangle* *Trapezoid* *Circle* Write the formula for finding the area of each.	Draw a “Polygon Man” using at least one of each of the following: Square, rectangle, parallelogram that is not a rectangle, triangle, and trapezoid. Inside each shape, write the formula for finding the area.