

Name: _____

Math Station Contract: Geometry and Patterns (3rd)

Activity	Date	Points Earned	What I Learned
1. Interlocking Towers: Students build towers with linker cubes to explore the number of exposed faces for each magnification.			
2. Geoboard Recipes: Students draw a recipe card and follow it to create a geometric design on a geoboard.			
3. Pattern Block Reflections Students will use pattern blocks and hinged mirrors to explore reflections.			
4. Square Up: Students use a geoboard to play a strategy game with a partner to be the first to place unit cubes on the vertices of a square.			
5. Row of Hexagons: Students line up hexagons and explore what the perimeter will be.			
6. Streets and Avenues: Students record the number of parallel and perpendicular lines to explore mathematical relationships and patterns			
7. Pattern Block Puzzles: Students combine shapes to create a new shape by covering the inside of an outlined shape using pattern block pieces.			
8. Tangrams: Students use tangrams to solve a variety of shape puzzles			
9. Last Shape In Wins: Students will practice combining and rotating pattern blocks to cover a game board.			
10. Pattern Magnifications: Students build magnifications of geometric shapes using pattern blocks and find the perimeter of each magnification.			