Name: Adam Reeck		Grading Quarter: 2	Week Beginning: November 27th
School Year: 23-24		Subject: Geometry	
Monday	Notes: Copy of math logs	Objective: Students find the areas of quadrilaterals by using the formulas they derive. Lesson Foundations: Quadrilaterals, Area Lesson Overview: Using formulas, solving for different variables in a formula Review: Algebra – Solving for X Bellwork: Use the internet to list every kind of quadrilateral you can think of and write down the formula for its area. Include a diagram. 4x + 2y = 8 Solve for x, then y A = ½bh Solve for b, then h $A = \pi \times r^2$ Solve for r Homework: Quadrilateral Area Worksheet	Academic Standards: G.MG.1, G.MG.2
Tuesday	Notes:	Objective: Students find the areas of circles and sectors by using the formulas they derive. Lesson Foundations: Area of Circles, Fraction review Lesson Overview: Using formulas, solving for different variables in a formula Review Worksheets - Fractions Bellwork: Fraction worksheets Classwork: Fraction strips, Sector area worksheet	Academic Standards: G.C.5, G.GMD.1

Wednesday	Notes:	Objective: Students will find surface areas of prisms and cylinders and derive their formulas. Lesson Foundations: Area of Circles, Areas of quadrilaterals Lesson Overview: Using formulas, solving for different variables in a formula Bellwork: Check in on Scale Model projects. Classwork: Worksheet on Surface area of prisms and cylinders	Academic Standards: G.MG.3
Thursday	Notes:	Objective: Students will find surface areas of pyramids and cones and derive their formulas. Lesson Foundations: Area of Circles, Areas of quadrilaterals Lesson Overview: Using formulas, solving for different variables in a formula Bellwork: Fraction worksheet. Classwork: Worksheet on Surface area of pyramids and cones	Academic Standards: G.MG.3
Friday	Notes:	Objective: Students will identify the shapes created by cuts to a cross-section of a solid. They will also identify 3-D shapes created by rotations about an axis. Lesson Foundations: Rotations Lesson Overview: Charcuterie plate – cheese, crackers, Bellwork: What is a cross section? What happens when a two-dimensional object is rotated around a line very quickly? What kind of object is "formed?" Classwork: Eat Cheese and Crackers	Academic Standards: G.GMD.4

Think about doing something with exploration