TEKS Cluster: Geometry and Measurement
TEKS Subcluster: Volume
Student Expectations: 7.8(A), 7.8(B), 7.9(A)
Activities Summary: Students practice finding volume of rectangular prisms and learn how to find the volume of triangular prisms and rectangular and triangular pyramids. Once students understand the volume formulas, these activities follow the same process as other formula-driven activities: fill in the diagram, write the formula, substitute in the numbers, and calculate.

Activity Title Student Expectations	**Activity Topic**	**Type**			**Delivery**		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
How Many Prisms Can You Make? 7.9(A)	**Volume of Rectangular Prisms** Given the volume or the volume and one dimension, students find possible dimensions of prisms.	✓	✓		✓		
Triangular Prisms and Volume 7.9(A)	**Volume of Triangular Prisms** Students understand the use of *B* in the volume formula and find volume.	✓	✓		✓		
Solve 'Em and Match 'Em 7.9(A)	**Volume of Rectangular and Triangular Prisms** Students find volume or missing dimension in prisms. They compare volumes and dimensions to draw conclusions.			✓		✓	
Discovering the Formula for Volume of a Pyramid 7.8(A), 7.8(B)	**Concrete Model of Volume of a Pyramid** Students build models that demonstrate the relationship between a rectangular pyramid and a rectangular prism with the same height and base to understand the formula for volume of a pyramid.	✓			✓		
Volume of Pyramids 7.9(A)	**Volume of Pyramids** Students draw a pyramid and its base with dimensions. They find area of the base and volume. Scaffolding includes a step-by-step process for using formulas.	✓	✓		✓		
What's the Same, What's Different? 7.9(A)	**Volume of Prisms and Pyramids** Students find missing dimensions of prisms and pyramids given the volume.			✓		✓	