

TEKS Cluster: Geometry and Measurement

TEKS Subcluster: Conversions

Student Expectations: 6.4(H)

Activities Summary: Students extend their skill in performing conversions to using proportions and unit rate. In Grades 4 and 5, students use tables and informal proportional reasoning to perform conversions. Grade 6 introduces two more strategies for performing conversions: proportions and unit rate. The following activities are also in the Grade 6 **Proportional Reasoning** cluster.

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Wild Measurements 6.4(H)	Perform Conversions Using Proportions and Unit Rate Students perform conversions using tables, unit rates, and proportions. Discussion focuses on whether to multiply or divide and why, writing an equation to represent the conversion, telling what the conversion or number means, and relating the units using algebraic language.	✓	✓		✓		
Outta This World 6.4(H)	Perform Conversions Using Proportions and Unit Rate In this card sort, students create tables and use tables, unit rate, and proportions to perform conversions.			✓		✓	
Gross, But True 6.4(H)	Perform Conversions Using Proportions and Unit Rate Students perform conversions using tables, unit rates, and proportions. Discussion focuses on whether to multiply or divide and writing an equation.			✓		✓	