

TEKS Cluster: Geometry and Measurement

TEKS Subcluster: Conversions

Student Expectations: 7.4(E)

Activities Summary: Students began performing conversions using tables in Grade 4. Their understanding of conversions grows through Grades 5-6 to include the use of proportions and unit rates, all within the same measurement system. In Grade 7, students learn to perform conversions between measurement systems. Note that the relationships between the units are written in the problems and are not listed on the *Grade 7 STAAR Mathematics Reference Materials* as in previous grades.

Note: These activities are also listed in the Grade 7 **Proportional Reasoning** Cluster, **Conversions** subcluster.

Activity Title Student Expectations	Activity Topic	Type			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
Measurement Mania 7.4(E)	Perform Conversions Using Proportions and Unit Rate Students explore conversions between measurement systems using unit rates, tables, equations, verbal descriptions, and proportions.	✓	✓		✓		
Which Is More? 7.4(E)	Perform Conversions Using Proportions and Unit Rate in Tables Students estimate, then perform conversions between measurement systems using tables and proportions.	✓			✓		