

## Grade 8 Topic Sequence (2014 TEKS)

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Lesson 1: Representing Real Numbers TEKS: 8.2A, 8.2B, 8.2C, **8.2D**

Lesson 2: Multiple Representations of Data TEKS: 8.5I

Lesson 3: Determining Proportional Relationships TEKS: 8.5F, 8.5H, 8.5A, 8.5B, 8.5E

Lesson 4: Interpreting Functional Relationships TEKS: 8.5G

Lesson 5: Linear Relationships, Non-Linear Relationships, and Direct Variation TEKS: 8.5A, 8.5B, 8.5E, 8.11A

Lesson 6: Determining and Interpreting Slopes and Intercepts TEKS: 8.4A, **8.4B**, **8.4C**, 8.5I

Lesson 7: Solving One-Variable Equations and Inequalities TEKS: 8.8A, 8.8B, **8.8C**, 8.8D

Lesson 8: Solving Systems of Linear Equations TEKS: 8.9A

Lesson 9: Transformations TEKS: 8.3C, 8.10A, 8.10B, **8.10C**

Lesson 10: Using Proportional Relationships: Similarity TEKS: 8.3A, 8.3B, **8.3C**, 8.10D

Lesson 11: Pythagorean Theorem TEKS: 8.6C, **8.7C**, 8.7D

Lesson 12: Determining Area and Surface Area TEKS: **8.7B**

Lesson 13: Determining Volume TEKS: 8.6A, 8.6B, **8.7A**

Lesson 14: Interpreting Data and Graphs TEKS: 8.11A, 8.5C, **8.5D**

Lesson 15: Interpreting Data TEKS: 8.11B, 8.11C

Lesson 16: Personal Financial Literacy TEKS: 8.12A, 8.12B, 8.12C, **8.12D**, 8.12E, 8.12F, 8.12G

\*Bold indicates Readiness Standards

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### Transition Support Lessons

The following lessons contain content that was removed from Grade 8 in 2014.

Lesson 17: Solving Problems with Rational Numbers (Transition Support Lesson)

Lesson 18: Using Proportional Relationships: Unit Rates (Transition Support Lesson)

Lesson 19: Using Proportional Relationships Percents (Transition Support Lesson)

**Lesson 20: Theoretical and Experimental Probability (Transition Support Lesson)**

**Lesson 21: Using and Comparing Descriptive Statistics (Transition Support Lesson)**

**Lesson 22: Using and Comparing Data Representations (Transition Support Lesson)**

**Lesson 23: Sampling and Simulations (Transition Support Lesson)**