

# Algebra 1 Topic Sequence (2015 revision)

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**Lesson 1: Interpreting Functional Relationships TEKS: A.12A, A.12B**

**Lesson 2: Linear Relationships, Non-linear Relationships, and Direct Variation TEKS: A.3B, A.2D**

**Lesson 3: Transforming Parent Functions TEKS: A.3E, A.7C**

**Lesson 4: Identifying Domain and Range TEKS: A.2A, A.6A, A.9A**

**Lesson 5: Writing Function Rules TEKS: A.4C, A.12A**

**Lesson 6: Determining and Interpreting Slopes and Intercepts TEKS: A.1A, A.3A, A.3B, A.3C**

**Lesson 7: Associations Between Variables TEKS: A.4A, A.4B**

**Lesson 8: Writing Linear Equations TEKS: A.2B, A.2C, A.2E, A.2F, A.2G, A.3C, A.3A, A.3B**

**Lesson 9: Writing and Graphing Linear Inequalities TEKS: A.2H, A.3D, A.3H**

**Lesson 10: Solving Linear Equations: Graphs and Tables TEKS: A.5A, A.5B, A.1B, A.1G**

**Lesson 11: Simplifying Expressions TEKS: A.11B, A.10A, A.10B, A.10D**

**Lesson 12: Dividing Polynomials and Factoring TEKS: A.10C, A.10E, A.10F, A.11B**

**Lesson 13: Solving Linear Equations and Inequalities: Models and Properties of Equality TEKS: A.5A, A.5B, A.1B, A.1G.**

**Lesson 14: Sequences and Literal Equations TEKS: A.4C, A.9E, A.12C, A.12D, A.12E**

**Lesson 15: Writing and Solving Systems of Linear Equations TEKS: A.3F, A.3G, A.5C, A.2I, A.1B, A.1G**

**Lesson 16: Writing Quadratic Equations TEKS: A.6B, A.6C, A.8B**

**Lesson 17: Simplifying Square Roots TEKS: A.11A, A.11B**

**Lesson 18: Graphing and Solving Quadratic Equations TEKS: A.7A, A.7B, A.8A**

**Lesson 19: Writing, Graphing, and Interpreting Exponential Functions TEKS: A.9B, A.9C, A.9D, A.9E**

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