

Algebraic Reasoning Course Scope and Sequence Document

Algebraic Reasoning Year-at-a-Glance

First Semester	Second Semester
<p>Unit 1: Function Patterns TEKS: AR.1D, AR.1F, AR.2A, AR.2B ELPS: 1.A, 3.D, 3.G, 5.C, 5.F</p> <p>Unit 2: Linear Functions TEKS: AR.1A, AR.1D, AR.1F, AR.1G, AR.2C, AR.2D, AR.3A, AR.6B, AR.7A, AR.7B, AR.7D, AR.7E ELPS: 1.A, 2.D, 4.C, 5.B</p> <p>Unit 3: Linear Function Operations TEKS: AR.1A, AR.1E, AR.3F, AR.4A, AR.4B ELPS: 4.F, 5.G</p> <p>Unit 4: Quadratic Functions TEKS: AR.1A, AR.1D, AR.1F, AR.1G, AR.2C, AR.2D, AR.3A, AR.6A, AR.6B, AR.6C, AR.7A, AR.7B, AR.7C, AR.7D ELPS: 2.E, 2.I, 3.F, 4.E, 5.B, 5.C, 5.G</p> <p>Unit 5: Exponential Functions TEKS: AR.1A, AR.1D, AR.1E, AR.1F, AR.1G, AR.2C, AR.2D, AR.3A, AR.6A, AR.6C, AR.7A, AR.7B, AR.7C, AR.7D ELPS: 1.E, 2.I, 3.C, 3.F, 4.E, 4.F, 5.B, 5.F</p> <p>Unit 6: Cubic Functions TEKS: AR.1A, AR.1D, AR.1E, AR.1F, AR.2C, AR.2D, AR.3A, AR.6A, AR.6C, AR.7A ELPS: 1.C, 2.I, 3.D, 3.F, 4.F</p>	<p>Unit 7: Polynomial Function Operations TEKS: AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1G, AR.3F, AR.4A, AR.4B, AR.4C, AR.4D ELPS: 2.C, 2.D, 2.I, 3.H, 4.F, 4.G, 5.G</p> <p>Unit 8: Inverse Functions TEKS: AR.1C, AR.1F, AR.3B, AR.3C, AR.7A ELPS: 4.C, 4.D, 4.F</p> <p>Unit 9: Radical Functions and Logarithmic Functions TEKS: AR.1A, AR.1C, AR.1D, AR.1E, AR.3A, AR.3B, AR.3C, AR.6A, AR.6C ELPS: 1.A, 1.C, 2.C, 2.I, 3.B, 3.F, 4.C, 4.F</p> <p>Unit 10: Absolute Value Functions and Rational Functions TEKS: AR.1D, AR.1F, AR.3A, AR.6A, AR.6C, AR.7A, AR.7B, AR.7D ELPS: 1.C, 1.D, 1.F, 2.I, 3.E, 3.F, 4.E, 4.G</p> <p>Unit 11: Function Operations TEKS: AR.1A, AR.1B, AR.1D, AR.1E, AR.3D, AR.3E, AR.3F, AR.4B ELPS: 1.A, 1.B, 2.C, 2.D, 3.D, 3.F, 4.C, 4.F</p> <p>Unit 12: Matrices and Matrix Operations TEKS: AR.1A, AR.1C, AR.1D, AR.1E, AR.5A, AR.5B, AR.5C, AR.5D, AR.5E ELPS: 1.F, 4.F</p>

The charts on the following seven pages provide detailed information across the course about TEKS and ELPS alignment. For information regarding which TEKS and ELPS are aligned to which lessons, as well as recommended instructional days for each unit, please refer to the Pacing Guide for the Algebraic Reasoning course.