



Algebra 3
Year at a Glance (YAG)
2023-2024



First Semester		Second Semester	
1st Nine Weeks		3rd Nine Weeks	
<p>TEKS</p> <p>2A.1B, 2A.1C, 2A.1D, 2A.1E, 2A.1F, 2A.1G, 2A.3A, 2A.3C, 2A.3E, 2A.3F, 2A.3G 2A.4A, 2A.4B, 2A.4D, 2A.2E, 2A.4F, 2A.4H, 2A.6A, 2A.6B, 2A.7A, 2A.7I, 2A.8A, 2A.8B, 2A.8C</p>	<p>Unit 1: Essential prerequisites and thinking like a mathematician.</p> <p>Unit 2: Functions</p> <p>Unit 3: Systems</p> <p>RTI Diagnostic (1 day)</p>	<p>TEKS</p> <p>2A.3A, 2A.3C, 2A.3E, 2A.3F, 2A.3G, 2A.1A, 2A.1B, 2A.1C, 2A.1D, 2A.1E, 2A.1F, 2A.1G, 2A.4A, 2A.4B, 2A.4D, 2A.2E, 2A.4F, 2A.4H, 2A.7A, 2A.7I, 2A.8A, 2A.8B, 2A.8C</p>	<p>Unit 7: Polynomial functions</p> <p>Unit 8: Modeling, Data Analysis, and function regression.</p> <p>Unit 9: Rational and radical functions</p> <p>Unit 10: Exponential, logs and e</p> <p>History of Math Project (3 days)</p> <p>Fractions/Practice Accu-placer (5 days)</p>
2nd Nine Weeks		4th Nine Weeks	
<p>TEKS</p> <p>2A.1A, 2A.1B, 2A.1C, 2A.1D, 2A.1E, 2A.1F, 2A.1G, 2A.2A, 2A.6G, 2A.6H, 2A.6I, 2A.6J, 2A.6K, 2A.6L, 2A.7F</p>	<p>Unit 4: Matrices</p> <p>Unit 5: A deeper exploration of quadratic functions.</p> <p>Math Is Fundamental To... Research (2 days)</p> <p>Unit 6: Complex Numbers in the plane</p> <p>Semester Exam Review (2 days)</p> <p>Semester Exams (4 days)</p> <p>RTI Diagnostic (1 day)</p>	<p>TEKS</p> <p>2A.1G, 2A.2A, 2A.2B, 2A.2C, 2A.5A, 2A.5B, 2A.5C, 2A.5D, 2A.5E, 2A.8A, 2A.8B, 2A.8C</p>	<p>Unit 11: Sequences, series and binomial theorem</p> <p>Unit 12: Right Triangles and Trig (8 days)</p> <p>Trigonometry full review/tying it all together (20 days)</p> <p>Final Project (6 days)</p> <p>RTI Diagnostic (1 day)</p> <p>Semester Exam Review (4 days)</p> <p>Semester Exams (4 Days)</p>



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Resources

1st Nine Weeks	2nd Nine Weeks	3rd Nine Weeks	4th Nine Weeks