



**Algebra I Advanced  
Year at a Glance (YAG)  
2021-2022**



First Semester		Second Semester	
<b>1<sup>st</sup> Nine Weeks – 42 days</b> (August 16 <sup>th</sup> – October 13 <sup>th</sup> ) <i>(September 6<sup>th</sup> – Labor day – No School)</i> <i>(October 11<sup>th</sup> – Staff Development)</i>		<b>3<sup>rd</sup> Nine Weeks – 44 days</b> (January 3 <sup>rd</sup> – March 4 <sup>th</sup> ) <i>(January 17<sup>th</sup> – MLK – No School)</i> <i>(March 7<sup>th</sup> – 11<sup>th</sup> – Spring Break)</i>	
<b>TEKS</b>  A.2a, A.2b, A.2c, A.2d, A.3a, A. 3b, A.3c, A.3e, A. 5a, A.5b, A.10a, A.10d, A.12a, A.12b, A.12e	<b>Unit 1: Linear Expressions, Equations and Inequalities (15 days)</b>  <b>Unit 2: Intro/Foundations of Functions (10 days)</b>  <b>Unit 3: Intro to Linear Functions, Direct Variations and Slope (10 days)</b>  <b>Unit 4 Part 1: Linear Equations (6 days)</b>  <b>RTI Beginning of Year (1 day)</b>	<b>TEKS</b>  A.2h, A.3h, A.3d, A.9a, A.9b, A.9c, A.9d, A.9e, A.10b, A.10c, A.10d, A.10a, A.11a, A.11b	<b>Unit 8: Laws/Properties of Exponents (8 days)</b>  <b>Unit 9: Exponential Functions (12 days)</b>  <b>Unit 10 Part 1: Polynomial Operations (12 days)</b>  <b>Unit 10 Part 2: Factoring (9 days)</b>  <b>RTI Middle of the Year (1 day)</b>
<b>2<sup>nd</sup> Nine Weeks – 42 days</b> (October 14 <sup>th</sup> – December 17 <sup>th</sup> ) <i>(November 22<sup>nd</sup> – 26<sup>th</sup> – Thanksgiving Break)</i> <i>(December 20<sup>th</sup> – December 31<sup>st</sup> – Holiday Break)</i>		<b>4<sup>th</sup> Nine Weeks – 51 days</b> (March 14 <sup>th</sup> – May 25 <sup>th</sup> ) <i>(April 8<sup>th</sup> – Battle of Flowers – No School)</i> <i>(April 15<sup>th</sup> – Good Friday – No School)</i>	
<b>TEKS</b>  A.2b, A.2c, A.2e, A.2f, A.2g, A.3a, A.3b, A.3c, A.3e, A.3f, A.3g, A.3h, A.4a, A.4b, A.4c, A.5c,	<b>Unit 4 Part 2: Linear Equations (9) days)</b>  <b>Unit 5: Application of Linear Equations (9 days)</b>  <b>Unit 6: Systems of Equations (17 days)</b>  <b>Unit 7: Linear Inequalities (7 days)</b>	<b>TEKS</b>  A.6a, A.6b, A.6c, A.7a, A.7b, A.7c, A.8a, A.8bA.10e, A.10f, A.11a, A.12c, A.12d	<b>Unit 11: Intro to Quadratic Functions (13 days)</b>  <b>Unit 12: Solve Quadratic Functions (13 days)</b>  <b>Tying it all together/review (6 days)</b>  <b>Unit 13: Sequences (6 days)</b>  <b>Unit 14: Simplify Radicals (6 days)</b>  <b>RTI End of the Year (1 day)</b>

Resources

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