

## Algebraic Reasoning: Year-At-A-Glance (Nine Weeks)

First Semester	Second Semester
1 <sup>st</sup> Nine Weeks	3 <sup>rd</sup> Nine Weeks
<p><b>Unit 1: Linear and Exponential functions (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2A, AR.2B, AR.2C, AR.2D</p> <p><b>Unit 2: Polynomial Functions (15 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.2A, AR.2B, AR.2C, AR.2D</p> <p><b>Unit 3: Transformations of Functions (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.7A</p>	<p><b>Unit 7: Composed and Combined Functions (7 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3D, AR.3E</p> <p><b>Unit 8: Operations with Polynomial Functions (18 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3F, AR.4A, AR.4B</p> <p><b>Unit 9: Decomposing Polynomial Functions (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3F, AR.4C, AR.4D</p>
2 <sup>nd</sup> Nine Weeks	4 <sup>th</sup> Nine Weeks
<p><b>Unit 3: Transformations of Functions (continued, 5 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.7A</p> <p><b>Unit 4: Generating Inverses of Functions (7 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.3B, AR.3C, AR.7A</p> <p><b>Unit 5: Applying Inverses of Functions (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3A, AR.3B, AR.3C, AR.7A</p> <p><b>Unit 6: Operations with Functions (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.3D, AR.3E</p>	<p><b>Unit 10: Matrices (15 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.5A, AR.5B, AR.5C, AR.5D, AR.5E</p> <p><b>Unit 11: Estimating and Solving Equations (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.6A, AR.6B, AR.6C</p> <p><b>Unit 12: Data Modeling (10 days)</b> AR.1A, AR.1B, AR.1C, AR.1D, AR.1E, AR.1F, AR.1G AR.7A, AR.7B, AR.7C, AR.7D, AR.7E</p>