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| Time Frame | Topic/Unit | Skills/Concepts | Major Assessments | Core Standards | Resources |
| 6-8 weeks | Unit 1: Prerequisites |  |  |  | Online text: openstax.org  Algebra and Trigonometry |
| 8-10 weeks | Unit 2: Equations & Inequalities |  |  |  | Online text: openstax.org  Algebra and Trigonometry |
| 4-5 weeks | Unit 3: Functions |  |  |  | Online text: openstax.org  Algebra and Trigonometry |
| 2-3 weeks | Unit 4: Linear Functions |  |  |  | Online text: openstax.org  Algebra and Trigonometry |
| 4-5 weeks | Unit 5: Polynomial and Rational Functions |  |  |  | Online text: openstax.org  Algebra and Trigonometry |
| 5-6 weeks | Unit 6: The Unit Circle: Sine and Cosine Functions |  |  |  | Online text: openstax.org  Algebra and Trigonometry |