# Algebra 2 Syllabus – 2020/2021

| Week | Topic |
|---|---|
| 1 | Lessons 1.1 – 1.4 (Numbers, Expressions & Linear Equations) |
| 2 | Lessons 1.5 – 1.7 (Absolute Value & Inequalities) |
| 3 | Chapter 1 Test Review, Take Home Test |
| 4 | Lessons 2.1 – 2.4 (Functions, Slope, Graphs) |
| 5 | Lessons 2.5 – 2.8 (Graphs, Inequalities, Functions) |
| 6 | Chapter 2 Test Review, Take Home Test |
| 7 | Lessons 3.1 – 3.3 (Systems of Linear Equations & Inequalities) |
| 8 | Lessons 3.4 – 3.6 (Graphing, Systems in 3 Variables) |
| 9 | Chapter 3 Test Review, Take Home Test, **Project assigned** |
| 10 | Lessons 4.1 – 4.3 (Matrices) |
| 12 | Chapter 4 Review, Take Home Test |
|  | **Thanksgiving Break** |
| 13 | Midterm Review, Take Home Midterm, **Project Due** |
| 14 | Complete Midterm, Review Games |
|  | **Christmas Break** |
| 15 | Lessons 5.1 – 5.4 (Quadratic Functions & Complex Numbers) |
| 16 | Lessons 5.5 – 5.7 (Quadratic Formula & Inequalities) |
| 17 | Chapter 5 Review, Take Home Test, **Project assigned** |
| 18 | Lessons 6.1 – 6.4 (Polynomials) |
| 19 | Lessons 6.5 – 6.8 (Polynomials), **Project Due** |
| 20 | Chapter 6 Review, Take Home Test |
|  | **Winter Break** |
| 21 | Lessons 7.1 – 7.3 (Powers, Roots, & Radicals) |
| 22 | Lessons 7.4 – 7.6 (Powers, Roots, & Radicals) |
| 23 | Chapter 7 Review, Take Home Test |
| 24 | Lessons 9.4 – 9.6 (Rational Expressions & Complex Fractions) |
| 25 | Chapter 9 Quiz, Lesson 10.1 |
| 26 | Lessons 11.1 – 11.4 (Sequences & Series) |
| 27 | Chapter 11 Quiz, Lessons 13.1 – 13.3 (Trigonometry) |
|  | **Spring Break** |
| 28 | Lessons 13.4 – 13.5 (Trigonometry) |
| 29 | Chapter 13 Review, Take Home Test |
| 30 | Final Exam Review, Take Home Final |
| 31 | Final Exams Completed in Class, End-of-year party |