# 2024-2025 Honors Algebra 1 Syllabus

**Book:**       Algebra 1: Expressions, Equations and Applications
**Author:**     Larson, Bodwell, Kanold, and Stiff
**Publisher:**  Holt McDougal

| Chapter | Topic | Aprox. Test Date | Est. Classes | Standards for Graduation |
|---|---|---|---|---|
| | **Quarter 1 (ends OCT31)** | | | |
| | **Summer Assignment DUE (NO EXCEPIONS)** | 1st Day of Class | | |
| | **Basic Pre-Algebra - Summer Assignment (NO Calculator)** | early-SEP | **3** | **NAQ.a** |
| | • *Sections 1.1-1.4, 2.1-2.7(Chapter 2), 3.1-3.4* | | | |
| | **Chapters 1-3 Honors Algebra Concepts** | | | |
| 1 | *CH1* • *Expressions, Equations, and Functions 1.5-1.7* | mid-SEP | 3 | **FUNC.a** |
| 2 | *CH2* • *Properties of Real Numbers, Expressions, Proportions and Rations* | early-OCT | 4 | **ALG.a** **NAQ.b** |
| 3 | *CH3* • *Solving Linear Equations 3.5-3.8* | mid-OCT | 4 | **ALG.b** |
| 4 | Graphing Linear Equations and Functions | early-NOV | 6 | **FUNC.b** |
| TI84 | Using Technology to Graph Linear Functions | tbd | tbd | |
| | **Quarter 2  (ends JAN17)** | | | |
| 5 | Writing Linear Equations | early-DEC | 7 | **FUNC.c** |
| 6 | Solving and Graphing Linear Inequalities (6.1-6.6) | late-DEC | 7 | **ALG.c** |
| 7 | Graphing Systems - Linear(7.1&7.5) & Inequalities (6.7&7.6) | mid-Jan | 4 | **FUNC.d** |
| TI84 | Using Technology to Graph and Solve Systems | tbd | tbd | |
| | *Mid-Year Review (NO Review, see me for extra help)* | | *0* | |
| | *Mid-Term Exam (Covers Chapters 1-7)* | *Week Jan 20* | *1* | |
| | | | **39** | |
| | **Quarter 3  (ends MAR29)** | | | |
| 7 | Solve Systems Algebraically-  (7.2-7.5) | early-FEB | 7 | **ALG.d** |
| 8 | Laws of Exponents (8.1-8.3,  graphing functions with technology) | early-MAR | 5 | **NAQ.c** |
| 9 | Polynomials | late-MAR | 5 | **ALG.e** |
| | **Quarter 4 (ends mid-June)** | | | |
| 9 | Factoring | mid-APR | 8 | **ALG.e** |
| 10 | Graphing Quadratic Functions (10.1 to 10.3) | late-APR | 6 | **FUNC.e** |
| 10 | Solving Quadratic Equations (10.4 to 10.7) | mid-MAY | 8 | **ALG.f** |
| TI84 | Using Technology to Graph and Solve Quadratic Equations | tbd | 2 | |
| 11 | Radicals  (11.1 to 11.4) | Early-June | 6 | |
| 12 | (tbd) Rational Equations and Functions   (12.3 to 12.5, 12.7) | no test | tbd | |
| | *Final Exam Review(1 class, see me for extra help)* | | *1* | |
| | *Final Exam (Covers Chapters 7-11)* | *Mid-June* | *1* | |
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Teacher:  Ms. Groves
Date:  4/7/24