



Algebra 2 Advanced

Mrs. McCullough, Fall 2024

Live Lesson Time: Tuesdays at 10:00AM

Week	Dates	Assignments
0	8/12 – 8/16	Welcome Online Session: ZOOM classroom on Tuesday at 10AM Text your teacher your first and last name and your course name Lesson 1.01 “Rational Exponents” Lesson 1.02 “Properties of Rational Exponents”
1	8/19 – 8/24	Lesson 1.03 “Solving Radical Equations” Lesson 1.04 “Radical and Polynomial Operations”
2	8/26 – 8/30	Lesson 1.05 “Module 1 DBA” Lesson 1.06 “Complex Numbers” Lesson 1.07 “Operations on Complex Numbers” Participate in the live lesson for DBA credit.
3	9/2 – 9/6 No school on 9/2	Lesson 1.08 “Polynomial Operations” Lesson 1.09 “Radical and Polynomial Operations Practice Test” Lesson 1.10 “Module 1 Exam Part One and Two”
4	9/9 – 9/13	H1.01 “Theorems” H1.02 “Events and Outcomes in a Sample Space”
5	9/16 – 9/20 No school on 9/20	Lesson 2.01 “Greatest Common Factor and Special Products” Lesson 2.02 “Factoring by Grouping” Lesson 2.03 “Sum and Difference of Cubes”
6	9/23 – 9/27	Lesson 2.04 “Graphing Quadratics” Lesson 2.05 “Completing the Square”
7	9/30 – 10/4	Lesson 2.06 “Solving Quadratic Equations” Lesson 2.07 “Solving Quadratic Equations with Complex Solutions”
8	10/7 – 10/11	Lesson 2.08 “Apply Quadratic Equations” Lesson 2.09 “Factoring and Quadratics Practice Test” Lesson 2.10 “Module 2 DBA” Participate in the live lesson for DBA credit.
9	10/14 – 10/18 No school on 10/14	Lesson 2.11 “Module 2 Exam Part One and Two” Lesson 3.01 “Polynomial Division”
10	10/21 – 10/25	Lesson 3.02 “Polynomial Transformations” Lesson 3.03 “Solving and Graphing Polynomials”
11	10/28 – 11/1	Lesson 3.04 “Solving Polynomials Practice Exam” Lesson 3.05 “Module 3 DBA” Lesson 3.06 “Module 3 Exam Part One and Two” Participate in the live lesson for DBA credit.
12	11/4 – 11/8	H1.03 “Independent Probability” H1.04 “Conditional Probability” Lesson 4.01 “Simplifying Rational Expressions”
13	11/11 – 11/15 No school on 11/11	Lesson 4.02 “Key Features of a Rational Function” Lesson 4.03 “Asymptotes of Rational Functions” Lesson 4.04 “Solving Rational Equations”
14	11/18 – 11/22	Lesson 4.05 “Rational Equations Quiz” Lesson 4.08 “Module 4 DBA” H1.05 “Permutations and Combinations” Participate in the live lesson for DBA credit.

15	11/25 – 11/29	Thanksgiving Break <i>There will be no live lessons or work due this week. Please use this time to catch up on your course work if you are behind pace.</i>
16	12/2 – 12/6	Lesson 4.07 “Segment One Practice Exam” Lesson 4.09 “Segment One Exam Part One and Two Honors” H1.07 “Honors DBA” H1.08 “Segment One Exam Part Three Honors”
17	12/9 – 12/13	All course work is due by December 13th!

Teacher Information:

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Call, email, or text me any time!

DBA Information:

A “Discussion Based Assessment (DBA)” is a time for the students to share something they learned in the module with the teacher. Students are required to talk with the teacher via phone/ZOOM to complete this assignment each module. Students may use notes but should not receive any additional support from another person (parent, guardian, tutor, sibling, friend, etc.).

DBAs can be completed:

- using the appointment calendar on the homepage of the class
- using the open DBA times listed on the homepage of the class
- joining the live lesson for the module review and DBA (shown on the pace chart)
(If students use this option, the student is required to use microphone)

Supplemental Resources and Videos:

Feel free to use the following website to pull up help videos, guided notes, extra practice questions, and more.

<https://sites.google.com/flvs.net/algebra-2-videosandhelp/algebra-2-resources?authuser=0>