

Course Title: Honors Algebra 2

Syllabus FA26

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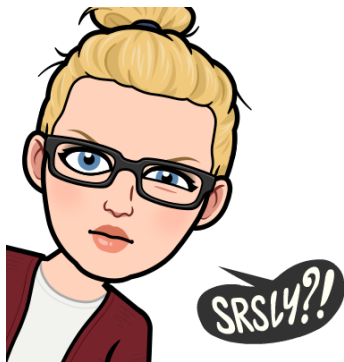
**The following information is subject to change due to protocol changes.



Classroom Rules and Expectations/Discipline Policy:

Great students will...

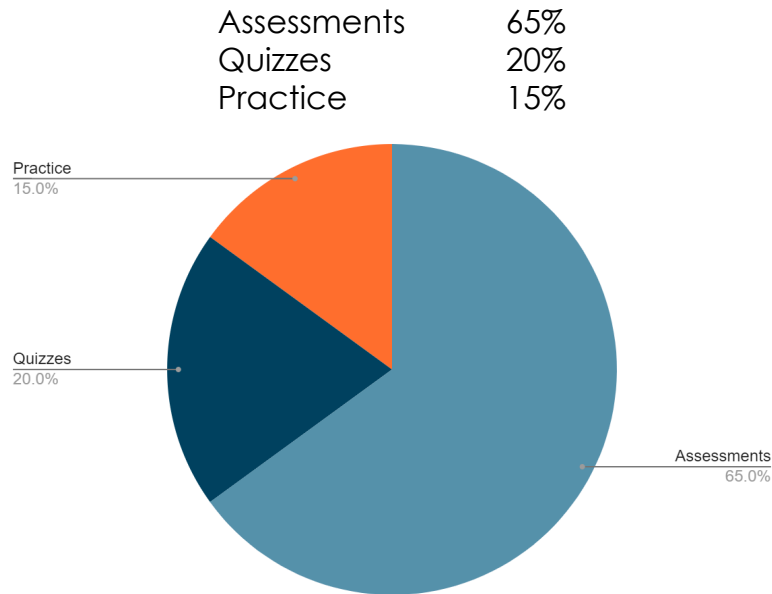
- enter/exit the classroom in an orderly manner.
- pay attention to announcements.
- turn in papers properly (with names).
- use class materials properly.
- turn in cell phones to the assigned caddy number.
- dispose of trash properly.
- take care of all needs before class begins.
- treat themselves and others with respect.
- work efficiently and follow deadlines.
- bring all materials to class.
- determine work missed during absences and turn it in by set deadlines.
- keep chromebooks charged.
- follow guidelines set in the student handbook.



Possible consequences...

- verbal reprimand
- disciplinary referral
- parent contact
- teacher discretion

Grading Policy:



THE STATE EOC EXAM WILL COUNT AS 15% OF YOUR FINAL GRADE.

LATE WORK:

Three practice work assignments are accepted late for 10% off past the due date, up to the Unit Exam. Any task work is accepted late for 10% off per day, up to five days. Specific expectations will be discussed and modeled in class.

Make-up Work Policy:

Make-up work is accepted per board policy without penalty.

IT IS YOUR RESPONSIBILITY TO RESCHEDULE and TURN IN MISSED ASSIGNMENTS and/or ASSESSMENTS.

Instructional Materials:

In class resources will follow the curriculum produced by Big Ideas Math curriculum.

*Richland School will make instructional materials available for review within 10 days of a written parental request.

Honors Algebra 2 Pacing Guide

The course pacing guide outlines the timing for the semester. The following table provides a glimpse of what to expect:

*timing is subject to school calendar changes

Honors Algebra 2 Pacing: RHS FA26			
Pacing	Lesson	Textbook	Standards
Day 1	Getting Started/Orientation		
Day 2	Routines/ Procedures		
Day 3	Routines/ Procedures		
Day 4	Prerequisite Test		
Day 5	Modeling Quantities	Section 1.1	NQA1
Day 6	Accuracy with Measurements	Section 1.2	NQA1
Day 7	Parent Functions and Transformations	Section 1.3	FIFA1, FBF3
Day 8	Parent Functions and Transformations	Section 1.3	FIFA1, FBF3
Day 9	Transformations of Linear and Absolute Value Function	Section 1.4	FIFA1, FBF3
Day 10	Modeling with Linear Functions	Section 1.5	ACEDA2, FIFB6
Day 11	Absolute Value Functions	Sections 1.6	ACEDA2, FIFA1, FIFB4, FIFB6
Day 12	Piecewise Functions	Section 1.7	FIFA1, FIFB4, FIFB6
Day 13	Transformations of Quadratic Functions	Section 2.1	FIFA1, FBF3
Day 14	Characteristics of Quadratic Functions	Section 2.2	FIFA3, FIFB4
Day 15	Unit 1 CFA		
Day 16	Modeling with Quadratic Equations	Section 2.3	ASSEA1, FIFA1, FIFB4, FIFB5, FIFB6, SIDB4
Day 17	Solving Quadratic Equations and Inequalities	Section 2.4	AAPRA2, ACEDA1, ACEDA2, AREIA1, FIFB5
Day 18	Solving Systems of Equations	Section 2.5	AREIB3, AREIB4
Day 19	Graphing Cubic Functions	Section 3.1	FIFA1, FIFA2, FIFB4
Day 20	Adding, Subtracting, and Multiplying Polynomials; Dividing Polynomials	Sections 3.2 and 3.3	AAPRA1
Day 21	Unit 2 CFA		
Day 22	Factoring Polynomials	Section 3.4	AAPRA1, AAPRA2
Day 23	Factoring Polynomials	Section 3.4	AAPRA1, AAPRA2
Day 24	Solving Cubic Equations and Inequalities	Section 3.5	AAPRA1, AAPRA2, ACEDA1, FIFB5
Day 25	Transformations of Cubic Functions	Section 3.6	FIFA3, FIFB4, FBFB3
Day 26	Analyzing Graphs of Cubic Functions	Section 3.7	AAPRA2, FIFA1, FIFB4
Day 27	Nth Roots and Rational Exponents	Section 4.1	NRNA1
Day 28	Properties of Rational Exponents and Radicals	Section 4.2	NRNA1
Day 29	Unit 3 CFA		
Day 30	Exponential Growth and Decay Functions	Section 5.1	NQA1, FIFB4, FIFB5, FLEA2
Day 31	The Natural Base e	Section 5.2	FIFB4, FIFB6
Day 32	Logarithms and Logarithmic Functions	Section 5.3	FIFB4, FLEA1
Day 33	Logarithms and Logarithmic Functions	Section 5.3	FIFB4, FLEA1
Day 34	Transformations of Exponential and Logarithmic Functions	Section 5.4	FIFB4, FBFB3, FBFB4

Day 35	Properties of Logarithms	Section 5.5	FLEA1
Day 36	Solving Exponential and Logarithmic Functions	Section 5.6	AREIA1, FLEA1
Day 37	Sample Spaces and Probability	Section 6.1	SCPB3, SCPC4
Day 38	Two- Way Tables and Probability	Section 6.2	SCPC4
Day 39	Unit 5 CFA		
Day 40	Conditional Probability	Section 6.3	SCPC4
Day 41	Independent and Dependent Events	Section 6.4	SCPA1
Day 42	Permutations and Combinations	Section 6.6	SCPB2
Day 43	Measures of Center and Variation; Box and Whisker Plots	Sections 7.1 and 7.2	NQA1, SIDA1
Day 44	Shapes of Distributions	Section 7.3	NQA1, SIDA1
Day 45	Unit 6 CFA		
Day 46	Using Normal Distributions	Section 8.1	SIDA2, SIDA3
Day 47	Populations, Samples, and Hypotheses; Collecting Data	Sections 8.2 and 8.3	SICA1, SICA2, SICA3
Day 48	Defining and Using Sequences	Section 9.1	FBFA2
Day 49	Arithmetic Sequences; Geometric Sequences	Sections 9.2 and 9.3	FBFA2
Day 50	Units 7 and 8 CFA		
Day 51	Basic Matrix Operations	Section 10.1	NMA1, NMA2
Day 52	Multiplying Matrices; Matrices and Systems of Linear Equations	Sections 10.2 and 10.3	NMA1, NMA2, NMA3, AREIB3
Day 53	EOC Review 1		
Day 54	EOC Review 2		
Day 55	Units 9 and 10 CFA		
Day 56	BENCHMARK		
Day 57	EOC Review 3		
Day 58	EOC Review 4		
Day 59	EOC Review		
Day 60	EOC Review		
Day 61	EOC Remediation		
Day 62	EOC Remediation		
Day 63	EOC Remediation		
Day 64	EOC Remediation		
Day 65	EOC Remediation		
Day 66	EOC Remediation		
Day 67	EOCs		
Day 68	EOCs		
Day 69	EOCs		
Day 70	Flex day		
Day 71	Flex day		
Post EOC Exam- Skill Enhancement, Projects, and Final Exams			