



Deer Valley Unified School District

Mr. Mohler

**Room E204
Voice Mail 623-376-3154**

Algebra 3-4 Honors

Course Description:

This course is designed to meet the requirements of the Deer Valley Mathematics Curriculum and is aligned with Arizona College and Career Ready Standards and/or national content standards and supports school-wide efforts to increase student achievement.

Algebra 3-4 Honors Course Objectives:

By the time the student completes this course of study, the student will know or be able to:

1. Use advanced algebra to solve real world problems.
2. Solve and graph linear and nonlinear functions.
3. Explore the properties of exponents and logarithms.
4. Solve and graph trigonometric functions.
5. Explore and identify patterns in the form of sequences and series.
6. Compare and analyze characteristics of various functions.
7. Emphasize, review, extend, and practice skills previously learned in mathematics.

Classroom Rules and Consequences:

- Do not talk when teacher is talking.
- Be in your seat or go to sweep.
- Items only used in math class on desk (bags, purses, etc. must be on the floor)
- Come to class prepared (notebook, paper, pencil/pen, and calculator).
- No gum, food, or drink in classroom other than water.
- Electronic devices of any kind are not to be visible in the classroom UNLESS we are using them.
- Show respect for teacher and classmates.
- Do not write on/in classroom texts, desks, or walls.
- SEAT OR SWEEP!!!

Consequences:

1. Warning
 2. A phone call home and an after school detention with instructor.
 3. A phone call home and a referral written.
- Instructor will go directly to step 3 when deemed appropriate.

Activities/Expectations:

- Be in your seat, ready to work, when the bell rings.
- Keep a great notebook, complete all assignments.

Grading:

Assessments (chapter exams, quizzes, projects)	80%
Assignments and activities	20%

Scale:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

Test Retakes: Teachers will provide one retake opportunity on assessments to earn a better grade, up to full credit. Teachers will determine steps to practice, learn, and prepare for the assessment retake.

Report Cards: In an effort to conserve resources and harness the capacity of our electronic grade reporting program (PowerSchool) district schools will no longer print hard copies of report cards unless requested by individual parents. To request a hard copy of your student's report card, please contact the front office at 623-376-3000. To receive your PowerSchool login, please stop into the office with a valid photo ID.

Power School Online Access: Grades and attendance may be accessed 24 hours a day online with your Power School access code. Access codes are available in the Counseling Office or Front Desk Monday – Friday 7:00 AM– 3:30 PM. You may check student progress regularly on the PowerSchool site using the same login for one or more students. For Mountain Ridge parents/guardians without home computer access, a computer with guest log-in capability is available in the Counseling Conference Room.

Academic Assistance: In addition to the Academic Prep times built into our schedule each week, additional assistance/tutoring is provided on a weekly basis both by MRHS and individually by instructors. Those dates and times will be posted in the classroom and/or on my website at the start of each week. I will demonstrate to the students how to find availability each week. I also encourage your son/daughter to write down my availability each week so that you too are aware of my weekly availability.

Math XL: This course will have a majority of the homework in Math XL. This program allows students access to our textbook instantly as well as videos to assist in learning at home. It is a great resource. It will also walk the students through an example similar to the problem they are working on. This interactive program will ensure students are maximizing their learning outside of the classroom. There will be due dates in Math XL which are hard due dates. **Anything submitted after the due date will be awarded a zero.** Please plan accordingly because you will have ample time to complete and submit homework. Technical difficulties are not an excuse I will take due to the fact that students have access to the internet at school each day. Should the internet access at home be an issue, please speak to me individually.

Canvas: Students can access daily notes in Canvas and will upload their scores from Math XL assignments as well as their work from their homework. Grades will be entered into Canvas and transferred to Power Schools.

Absences: After an absence, a student has one school day for each day missed to make up work/tests, regardless of the number of days absent. If many days were missed, please schedule an appointment with me to formulate a plan for the completion of make-up work. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

Make-up Policy:

Absences: After an absence, a student has one school day for each day missed to make up work/tests, regardless of the number of days absent. If many days were missed, please schedule an appointment with me to formulate a plan for the completion of make-up work. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

Late Assignments Policy: Mountain Ridge students have within the current unit of study to turn in assigned work for full credit, as determined by the teacher, level, and department on campus. The length of the unit of study and due dates will be clearly communicated to students by the teacher. Any assignment less than a week old at the end of a unit will have a one-week submission period.

Classwork Policy: In-class assignments may be due by the end of the class period.

No extra credit available.

Daily Device Use (iPads):

Students should come to school with their iPads charged and ready to use in each class every day.

Devices may not be used to record or take photos of other people without their consent. Consequences for classroom disruptions and misuse of devices will follow a progressive discipline model, beginning with a phone call home and progressing to office referrals for repeated or more serious offenses.

Students who have devices out during a paper test, may lose credit on their test or quiz. See the Student Rights and Responsibilities (electronic version available on our MRHS website) consequence chart in the handbook for more specific descriptions of infractions and consequences.

Math/Science Calculator Policy: A TI-83, TI-83 PLUS, TI-84, or TI-84 PLUS calculator is necessary for the successful completion of all math classes at Mountain Ridge High School. Due to district policy students will not be allowed to use cell phones as a calculator on assessments (quizzes, test, etc.)

Recommended Supplies:

- Notebook for math (these will be used for notebook checks so keep all work/notes in one organized location)
- Pencil/Pen
- Paper
- Graphing calculator TI-83, TI-83 PLUS, TI-84, or TI-84 (PLUS)
- iPad - Charged and ready to use each day!

Suggestions for Success:

- Keep a great notebook with extensive notes. You will also be graded on your notes each unit. It is your responsibility to get notes when you are absent.
- Complete all assignments
- Ask questions. The most successful students ASK when they are confused.
- Get extra help – before or after school by appointment
- Do not miss class