



8<sup>th</sup> Grade ALL Math  
(Intermediate 2/Secondary 1 Honors)  
Mrs. Bagley, Room B133  
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**PHILOSOPHY:** I love teaching youth about the beauty and elegance of mathematics. My highest priority is student learning. I want students to see the big math picture, and discover concepts on their own as much as possible. Productive struggle is an important part of our classroom.

**EXPECTATIONS:** This year we will be covering the remaining topics from the Intermediate 2 and Secondary I Honors Core Curriculum. The main mathematical topics are solving systems of equations, linear and exponential relationships, functions, transformations and statistics. I expect students in this class to consistently be prepared, complete all assignments, and participate appropriately in discussions. This course requires students to work and think deeply about the mathematics they are studying.

**REQUIRED MATERIALS:** 3-ring binder to organize papers, lined paper, pencils/pens, compass

**TECHNOLOGY:** We will be using technology almost every day in class to support student learning. I have a classroom set of iPads, but students are welcome to bring their own devices. The majority of activities we do are web-based, so it is necessary that the school has permission for your student to access the internet. (Mountain Ridge Junior High is not responsible for any damage or loss of personal devices.) I expect students to use technology properly and only for the intended purpose. Students who are texting, playing games, etc., will lose their technology privileges.

### **GRADES:**

I use a standards-referenced grading model. In the past, students in my ALL classes tended to focus more on earning grades than on learning material. I feel strongly that basing grades on proficiency will eliminate most of the fear of failure that grips many of these advanced students. Please note that I am not trying to sabotage anyone's GPA; on the contrary, I will be disappointed if any of my ALL students don't earn A's.

Students' grades will be based solely on their mastery of standards. I will assign homework every night, because completing homework independently helps students reinforce the concepts they learn in class. But I will be sending the answers home at the same time for students to check their work. Then in class we can discuss questions about concepts, instead of worrying about how to grade the assignments. It will require some maturity and self-discipline for students to consistently do homework since it will not be graded.

Quizzes will be given throughout each unit. They are tied to standards based on the Utah Core Curriculum for Intermediate 2 and Secondary 1 Honors math. Quizzes are used to assess understanding. If a student does not achieve mastery on a standard, he or she will complete remediation activities such as completing missing homework, watching my videos, or working with me during DEAR, then the student will retake the quiz. This process will be repeated as many times as necessary until the student is proficient in the standard. Tests are given at the end of each unit. Any standards not mastered on the test will instigate the remediation process again.

I am hopeful that through this grading method, students will gain a deeper understanding of the mathematics, and that they will learn accountability and responsibility by requiring them to demonstrate mastery of standards instead of task completion.

Each standard will be graded as follows:

4 points – Highly Proficient	3 points – Proficient
2 points – Approaching Proficient	1 point – Not Proficient

I expect my advanced math students to score at least a 2 on each standard. Skyward will convert the 4 point scale to a percent average. Letter grades will be assigned based on the following scale:

**Grading Scale:** 75.1 – 100% = A      70.1 – 75% = B      0 – 70% = F

**Extra Credit:**

Extra credit is not offered in this course because students may retake individual standards several times to raise their grades. Please speak to me directly about any concerns with grades.

**CLASSROOM RULES:**

1. Be Respectful to Others and Their Property
2. Be Prepared
3. Be On Time
4. Be Involved
5. Be On Task

Please, no food or drink in my classroom. Water bottles are OK.

**ABSENCES and TARDIES:** To succeed in math class, students need to physically be in the class so they can participate in discussions and activities. If a student is absent, it is his/her responsibility to find out what was missed and make up the work. Students are expected to be in their seats and ready to begin class when the bell rings. I will follow the tardy policy set up by Mountain Ridge Junior High School.

**CONTACT INFORMATION:** Students can come to my classroom (B133) for help before and after school, except for Monday afternoons when I will be collaborating with other math teachers. I am happy to meet with parents by appointment.

The best way to contact me is through email: [michellebagley@alpinedistrict.org](mailto:michellebagley@alpinedistrict.org).

I will also post information on my website: [www.mathbagley.rocks](http://www.mathbagley.rocks)

**\*\*I communicate frequently by email. If you would like to be part of my e-mail group, please make certain your e-mail address in Skyward is current.**

TO ACKNOWLEDGE THAT A PARENT OR GUARDIAN HAS READ THIS DISCLOSURE DOCUMENT, PLEASE FOLLOW THIS LINK TO SIGN DIGITALLY: <http://bit.ly/SignBagleyDisclosure> or use the QR code:



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This disclosure document was approved by the administration at Mountain Ridge Junior High. Date: 20 August, 2019