

8th Grade Math Syllabus

2022-2023

Mrs. Alsup, Mrs. Baer and Mrs. Reynolds

Course and Curriculum

Math 8 and IM1 (Integrated Math 1) are the two math classes offered for 8th grade students at UMS. Both classes use the corresponding CPM textbook and curriculum along with various online tools also linked below. Students will have access to the textbook through their chromebooks using the url below and signing in with their google account. We will sign in together during the first week.

[CPM Textbook](#)

Curriculum Information:

[Math 8 - Core Connections, Course 3](#)

[IM1 - Core Connections Integrated I](#)

Additionally we will use a variety of online tools to provide lessons and opportunities for students to show their thinking, including: [Desmos](#), [Formative](#), and [Delta Math](#).

Assessments

Students will receive a rubric score and feedback for each learning objective on assessments, which will translate into a traditional grade in PowerSchool. Students will then be able to reflect on their thinking and seek guidance to correct their misconceptions. Retakes are available for chapter tests. To be eligible for a retake, students must do test corrections and fill out an assessment retake form (Google form). Additionally, retakes will be held on a specified date, with a before or after school option.

Rubric scoring (by learning objective):

4 = Mastery: "I know it very well, and can show my thinking with multiple representations. I could teach it to someone else."

3 = Proficient: "I understand it and I can do it by myself with few (calculation) errors."

2 = Approaching/Partially Proficient: "I can do it with some help, I need more practice to do on my own without errors. My work shows conceptual errors."

1 = Beginning: "I can only do it with help. My work shows I can attempt the mathematics."

Grades

Grades are weighted: Assessments (Chapter tests/quizzes/summative projects) 80%, Practice (homework/discovery projects) 20%

Check your grades weekly on PowerSchool. Talk to your teacher if you have any concerns.

Practice (Classwork/Homework/Projects)

Because the concepts in math are often cumulative, it is very important that you complete your homework daily. Homework assignments are important practice opportunities for students to progress toward mastery of learning objectives. Additionally, homework is a means to track student learning and to communicate that progress to students and families. Late assignments will be accepted for partial credit and must be turned in by the day of the chapter test.

Your math teacher will explain homework expectations, grading and turn-in policies in more detail.

Materials

Students need to have their chromebook charged for class everyday. While some of our work will be done on the computer I would ask that students also have access to:

- Graph Paper notebook
- Pencil(s)/eraser
- Straight edge (ruler - 6in. is ideal)
- Pencil bag

Helpful, but not required:

- Highlighter
- Colored pens/pencils
- Whiteboard marker

If you need assistance acquiring these materials, do not hesitate to email your math teacher for support.

Google Classroom, Daily Agenda Slide and 8th Grade Math Website

Google Classroom will be used to post most assignments and materials. The 8th grade math website (umsmath.com) is a location where resources like the daily class agenda, videos, practice problems, classroom policies, Remind sign-up info, and other information are stored. The daily agenda slide is a place for students/parents to see what was done in class, homework assigned and links to assignments on a daily basis. Daily agenda slides can be found here:

Mrs. Alsup	Mrs. Baer	Mrs. Reynolds
Math 8 Daily Agenda Slide	Math 8 Daily Agenda Slide IM1 Daily Agenda Slide	IM1 Daily Agenda Slide

Absences

If you are absent, please consult the Daily Agenda Slide and a reliable classmate(s) to find out what you missed. Also, borrow and copy the notes/classwork you missed and/or see the teacher upon return. It is your responsibility to talk to your teacher regarding a due date and any assistance you may need. Students who miss class for field trips/ASB meetings/Leadership commissions, etc... are responsible for turning in the work *before* they leave, have it delivered by a friend/classmate, or turn work in upon their return to school that same afternoon.