

Burlington High School
Geometry
Mrs. Ketterhagen

Our Goal of Leveled Curriculum

We strive to provide as many entry points as possible into our curriculum. Just as Goldilocks found the porridge that was “just right”, students should find an entry point that fits their skill level and then work hard to move up the levels. Some students may spend most of their time at lower levels. We believe it is better to master lower levels first before moving on to upper levels. Other students may enter at Level 3 and progress from there. The key is for students to work hard every day to get better at math at a level appropriate to them.

Leveled Curriculum

Every major concept that we cover is aligned to ACT standards, which are organized by difficulty level. Students should strive to master each level before moving on to the next.

- **Level 1** – What our focus was last year and it is the foundation for what we will focus on this year. **Mastery of this material is the minimum requirement for passing this course.**

STUDENTS MUST PASS ALL BENCHMARK ASSESSMENTS WITH 100% TO PASS THE CLASS.

- **Level 2** – Focus material without application (in isolation). These are mostly skill-based problems with some simpler word problems included.
- **Level 3** – Focus with application. The skills in Level 2 are applied in word problems and/or with other concepts that we have covered.
- **Level 4** – Focus with multiple applications or done in a more abstract way.

Test Grades

Test Grades are determined based on where mastery is shown in the leveled curriculum. The grade descriptions described below are based on mastery shown at various levels.

D = Mastery of Level 1 material

C = Mastery of Level 1 and 2 material

B = Mastery of Level 1,2 and 3 material

A = Mastery of ALL levels of material. *Progress at these levels will determine where in the 90 to 100% range grades will fall.

Overall Grades

Grades are broken down as follows:

- **Homework:** All homework will be posted and turned in on Mobius. The number of points needed each level will vary. Homework is worth 5 points per unit in Skyward.
- **Classwork:** Other assignments that are completed in class.
- **Benchmarks (Formative Assessment in Skyward)** Benchmarks are a requirement to pass this class. You must pass all benchmarks with 100% to pass this class. Each benchmark will be worth 10 points in Skyward. You will either receive a 10 or passing or 0 if you did not pass. **Benchmarks can be taken more than once!
- **Quizzes:** All quizzes are worth 40 points.
- **Tests:** All tests are worth 100 points.
- Retakes for tests and quizzes will only be allowed once the assignment for that unit is complete.

Resources to help with classwork

- Completed notes and class activities are a great place to start!
- Ask questions in class when we have time to work on problems.
- Math Lab is available every day, every period of the day, including during lunch.
- Use the Mobius practice benchmark problems if you are having difficulty with Level 1.
- Khan Academy, www.khanacademy.org, provides extra practice problems and tutorials for the material we cover. Khan Academy topic names that align with our topics are included on the Lesson/Notes packet.

Daily Supplies

- 1 ½ inch binder for keeping notes, assignments, lined paper and other papers.
- Scientific or Graphing Calculator. **Cell phones and other devices may not be used as a substitute for a stand-alone calculator.**
- Pen or pencil
- Your **CHARGED** Chromebook

Each unit has a Lessons/Notes packet and homework on Mobius. The Lessons/Notes are completed in class and are to be used to help with the assignments posted on Mobius.

I will post keys to the lessons, worksheet and reviews for each unit on Google Classroom. Students are expected to check their work against these keys and to **SEEK HELP** if they have any questions.

Course Expectations

I expect each student to work hard and complete the course successfully. To do this I expect the following:

- **Each student will refrain from using his/her cell phone in class. Cell phones are required to be turned in to the cell phone caddy daily. School policy states: No cell phones visible in classroom (only allowed in hallways and cafeteria). Cell phone violation will result in cell phone being collected and returned: 1st offense – end of hour, 2nd offense – end of day, 3rd offense – brought to office and parent must pick up.**
- **Each student will refrain from using his/her Chrome Book unless instructed to do so.**
- Each student is expected to be in class every day and display a positive and cooperative attitude.
- Each student will come to class prepared. This means Chrome Book, textbook, graphing calculator, note-packet and most importantly any questions they may have about the material.
- Each student will be in their desks and ready to work when the bell rings.
- Students are expected to complete all classwork and assignments with justifications. All answers must be justified with work shown.
- Students are expected to RESPECT themselves, all other persons in the class, and school property.
- Each student is responsible for letting me know if they are in need of more assistance outside of class.
- Each student will take responsibility for making up any missed work due to excused absences or field trips.
- Each student will refrain from cheating (copying someone's work, or allowing someone to copy their own work) otherwise they will receive a zero.
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Our Contract Information

Teacher: Michele Ketterhagen

Email: mketterhagen@basd.k12.wi.us

**Geometry
Course Expectations
Mrs. Ketterhagen**

Please have your parents/guardians read through the course expectations, and sign below.

I will need your signature as well.

I understand the course expectations for Pre-Calculus and agree to do my best to follow them.
I understand that if I have any questions or concerns, I may contact Mrs. Ketterhagen at any time.

Phone: 763-0200 ext. 4248

E-mail: mketterhagen@basd.k12.wi.us

Student printed name

Student Signature

Date

Parent/Guardian Signature

Date