

# Charter Oak High School

## Mathematics 2 Class Syllabus

**Instructor:** Mrs. Glenda Bangle

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### Welcome

Welcome to Mathematics 2! I am excited about teaching online. There are a variety of different options for me to use as we work through the Math 2 curriculum. I am looking forward to meeting each of you and get to know you. Your success in this class is important to me. The key to your success is honest communication with all stakeholders! If you have questions, issues hindering you from being successful in class, or problems accessing material and information, let me know right away. I look forward to working together with you to help you meet the requirements of this class.

### Course Description

Mathematics II includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Mathematics II focuses on five critical areas: (1) extend the laws of exponents to rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning. The scope of Mathematics II is limited to quadratic expressions and functions, and some work with absolute value, step, and functions that are piecewise-defined.

**Supplies** – Although our class is online, it may be helpful to have some typical school supplies.

1. Paper
2. #2 pencils
3. Colored pens
4. Ruler/straightedge
5. Highlighter
6. Graphing calculator\* (TI-84Plus are recommended)

### Course Resources

- Technical requirements needed: computer/iPad/Chromebook and internet connection. (Cell phones are NOT recommended)
- Important websites for the class include, but not limited to:
  - a. Google Classroom
  - b. Desmos.com
  - c. DeltaMath.com
  - d. Parent Portal or Student Portal
- Work space: I highly recommend that students prepare and keep an appropriate work space for school so that they can have space to write and have the tools such as paper, pencil, or calculator quickly accessible.
- Links to other resources that you need to participate in the class will be posted on Google Classroom and discussed in class as needed.

## **Grading**

### **Homework – 10 %**

1. Homework problems will be assigned each class session and due the following class period.
2. Homework will be given a score based on the number of problems.
3. A picture or scan of the completed homework will be turned in on Google Classroom by the due date and time. Please make sure the assignment is oriented correctly.
4. Some assignments may be assigned on Deltamath.com. These assignments must be completed online and on time.

### **Participation – 20%**

Live Class Session Engagement – Students are expected to be actively engaged and participate in lectures, small group and class discussions, and activities. The participation grade will include guided practice (GP) and classwork (CW) assignments. Guided practice (GP) are assignments that are teacher led, they will usually be completed as a class and turned in immediately. Classwork (CW) will be teacher assisted assignments where I am available to help students through problems and they work toward gaining independence. Classwork (CW) assignments may be done individually or in small groups.

Participation points will be deducted from the student's grade if prompt response to a question is not given. A lack of response tends to indicate the student is not present and participating.

Assignments: All assignments, guided practice (GP), classwork (CW) and homework (HW) should be turned in by the stated due date. ALL assignments will be posted on Google Classroom with their due date and time. Some assignments will be teacher created using a Google doc or Google form, some will be from the skills practice book (SP) and some will be from DeltaMath (DM)

### **Assessments – 60%**

Assessments will be announced in advance. Notes and calculators are allowed to be used on all assessments. Assessments will be online and must be completed within an allotted amount of time. Assessments include:

1. Performance Tasks will be given throughout the semester. The students will work in groups, but the performance tasks will be graded individually. If a student is absent on the day of a performance task, there is a chance he/she will have to independently complete this assignment. Performance tasks will be graded according to a rubric.
2. Chapter Tests will be given at the end of the chapter. If a student has an excused absence on the day of the Chapter Test, he/she must make-up the test within a week of the absence or else the score for the test will be entered as a zero until the test is made-up.
3. **If a student is absent on the day of a test, please remember to clear the absence. In the case of an unexcused absence, a student will receive a zero for any missed assessment.**

### **Final Exam – 10 %**

A cumulative final exam will be given at the end of the semester.

**Notes:** Notes will be posted to my website and Google classroom for each topic. Notes may be copied by hand and turned in by scanning or taking a picture and submitting them to Google classroom for extra credit. The format should be similar the to notes provide and they should be neat, legible and complete.

### **Google Classroom**

Google Classroom is the electronic version of our classroom.

1. Assignments will be posted on Google Classroom.
2. Assignment due dates are to be followed, unless otherwise stated.
3. Assignments are to be turned in on Google Classroom. They should be submitted through Google Classroom and NOT shared directly to me. They should be submitted vertically and if they are hand written the students name should be visible in the top right corner.  
\*\*Google slides are already attached and so they only need to be completed and then submitted. There is nothing to attach because it already is attached.
4. Grades will be posted on Google Classroom and on Aeries for assignments that are turned into Google Classroom.

### **Abbreviations**

MITIL1

M – Module – these are similar to units, about 6-8 weeks

T – Topic – a topic is similar to a chapter, about 2-3 weeks

L – Lesson – one main concepts usually one day.

CW – Classwork – Teacher led and assisted – expected to be completed in class

HW – Homework – Independent practice – can be started in class if time allows but mostly homework. Questions may be emailed or asked during tutoring.

### **Attendance Policy**

Students are expected to attend Face-to-Face class time and complete class assignments.

Students will be marked absent if they do not attend class sessions. If a student knows that they will be absent, it would be prudent to let me and the office know in advance. All absences should be cleared though the attendance office **within five (5) school days**. Unexcused absences will result in zeros for the assignment from that class period, guided practice, classwork or tests.

### **Academic Integrity Policy**

Academic dishonesty and cheating will not be tolerated, and will result in a zero for that assignment or assessment. Academic dishonesty includes giving or receiving answers on any assignment or assessment. Any unauthorized materials or electronics, including a cell phone, out during a test or any assessments will result in a zero on that assessment. It is expected that the student is taking this course independently. Students may ask others for help or seek help on the internet for assignments, but students need to complete their own work. However, the students should not be using the internet or previous assignments on their tests.

### **“Netiquette” Online Class Expectations**

1. Even though this class is online, it is still school. It is expected that you have good behavior during Face-to-Face class time. Try to limit your distractions during this time. Respect one another and our time together.

2. Your video should be on during class time. Make sure that your background is school appropriate. If you need to leave your device for a short time (less than 5 minutes), send me a personal message in chat and turn off your video. Please try to return as quickly as possible. Your video needs to stay on when you are in group breakout rooms. You need to use your first name and last name for your screen name.
3. You should have your microphone on mute unless you are actively participating in class.
4. Cell phones or other devices should not be used during class time, if possible. During class you should be logged on using a computer/iPad/Chromebook.
5. Use the "raise hand" feature if you have a question or wish to speak in class. You may also type questions in the chat.
6. All school rules including dress code and behavior must be followed.

**Loss of connection protocol:** If you lose your internet connection you should rejoin the meeting as soon as possible. If your internet outage lasts for an extended time please let me know using another form of communication such as sending a text to my email from your phone or calling the school and having them contact or email me. If I lose my connection, just wait and I will rejoin as soon as possible. For an extended time period I will email you as soon as possible. In this online situation we need to be more flexible and understanding.

### **Recording Zoom meetings is not permitted**

Parents, students, or others in any household are not authorized at any time to record any live classroom sessions or interactions between students and teachers. To do so would violate California Education Code Section 51512, which makes it illegal for any person — including a student — to use an electronic device to record what is happening in a classroom without the consent of the students, teacher, and principal. Recording a school staff member and/or student without consent has the potential to disrupt and impair the teaching process and is prohibited. Any person, other than a pupil, who willfully violates this section may also be guilty of a misdemeanor in violation of California Code, Penal Code 632 and may be subject to legal action. Students who engage in this conduct may be subject to appropriate disciplinary action. Please respect the classroom setting and the privacy rights of students and teachers.

**Tech Support Hub** – For help with your technology or questions about Aeries, Zoom or Google classroom, check out the technology hub which has lots of helpful items for you.  
<https://sites.google.com/cousd.net/techhub/home>.

### **Important Contacts:**

My website: [mrsbangle.weebly.com](http://mrsbangle.weebly.com)

My email: [gbangle@cousd.net](mailto:gbangle@cousd.net)

**Tutoring:** After lunch there is time for student support, tutoring, and conferences. If a student needs tutoring they should email me so we can set up a zoom session for help. These are not necessarily individual sessions but are open to all students.