

# Honors Algebra/Trig

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☺ Happy New Year! ☺

In Honors Algebra / Trig, we will study functions (linear, quadratic, polynomial, radical, rational, inverse, exponential, logarithmic, and trigonometric), conic sections, sequences and series, statistics and probability, and more!

Stick with it, work hard, increase your mathematical repertoire, and enjoy this work!  
This will be a great year!

## MATERIALS

You must have your own “system” for keeping your things organized. Keep everything (notes, handouts, homework, tests, quizzes, etc.) and know where to find it! Bring all work from the current chapter to class each day. Keep materials from previous chapters organized carefully at home. At a minimum, keep tests/quizzes.

You will need these things for class each day:

- A place to store your work (folder, binder, etc.).
- Paper, Graph paper
- Pencils, Pens, and Thin Markers or Colored Pencils (at least 4 colors)
- Ti-nspire CX Graphing Calculator
- Your Chomebook

## GET HELP!!!

“Help me, help you... help me, help you.” (Jerry Maguire) “Dig the well before you are thirsty.” (locker room sign)  
Do not get behind!

You MUST make a *strong* effort to get your questions answered BEFORE class... Call other people in the class... Ask your friends, parents, neighbors, siblings, everyone... Form study groups... Create a Facebook HAT Group... Drop in to see me for help. If you know that you need my help, your best bet is to make an appointment to meet on a free period (2, 5 and 8 are my planning periods) or before **or** after school by arrangement. Remember that “googling” works for math too! A few of my favorite helpful sites are [www.purplemath.com](http://www.purplemath.com) , [www.khanacademy.org](http://www.khanacademy.org), and [www.desmos.com](http://www.desmos.com)

*Remember: Everyone does better when everyone does better!* (bumpersticker ☺)

## ELECTRONIC DEVICES

Electronic devices will be used in class when appropriate. You will be given instructions in class as to when and what electronic devices we are using. Sneaking these items is viewed as blatant disrespect of our class and time together.

## HOMework/PROGRESS CHECKS/QUIZZES/TESTS

Plan for homework every day! Designate time to complete it. Portions of the assignment may be discussed in class the following day, but not always. Attempt to have all work completed before class begins. If you have many questions, be proactive! Daily homework credit is based upon what is attempted and does not indicate that the work is done correctly. Answers with insufficient supporting work will not earn credit! A full credit score of may not indicate that you fully understand the material...only you know this for sure. Homework that is not adequately completed will receive a score of "0". Homework that initially received a "0" can be given a second-chance viewing prior to the next assessment (test/quiz) and the score will change to "excused".

Daily class participation is a must. Occasionally, I will collect classwork and/or homework to assess the *accuracy* of the assigned tasks.

Progress Checks will always be about current work. These may be announced, hinted at, or a complete surprise. You usually may use your notes on progress checks.

Quizzes and tests will be announced. There will usually be a quiz mid-unit and a test at the end of each unit (more often if the material is extensive). There will be a cumulative final exam at the end of each semester.

## TARDIES /ABSENCES/MAKE-UPS

When the bell rings, you should be in the room and ready to start! On the third tardy (and each additional tardy), you will be assigned a detention. Please be on time!

For planned absences (including field trips), make arrangements to complete the work *before* the absence. When you return, you will be on schedule with the rest of the class. **Check the syllabus for class notes/homework assignments.** If your absence is on a test/quiz day, complete the test/quiz in advance.

For unexpected absences, instruct your parent/guardian to call the attendance office *before* 10:00 a.m. on the day of the absence. **Check the syllabus for class notes/homework.** If the attendance office is not notified and your absence is recorded as "unexcused", remedy this on the day of your return. This is your responsibility! If this is not done, the absence will remain unexcused, detentions assigned, and zeros recorded for missed work. If an absence remains unexcused (you will make sure that this **NEVER** happens!), there will be **no** opportunity for make up work. This is a life skill! Unexcused absences are unacceptable!

Before/ After school make-up tests sessions are offered Monday through Friday with the exception of Monday mornings and Friday afternoons. The morning sessions run from 7:15-8:00am. The afternoon sessions run from 3:15-4:00pm. It may be possible to complete a make-up test during the school day. If you miss a test/quiz, schedule a make-up appointment. Be on time. If you start late, the session will not be extended. Make-up sessions are usually proctored by other math teachers. Only sometimes will it be me. **Missing a scheduled make-up session will be treated as an unexcused absence.**

## GRADES

Your quarter grade will be determined using the percentage of total points earned.

Your semester grade will be computed this way:

40%	First Quarter	40%	Second Quarter	20%	Final Exam		
A+	[99, +∞)	B+	[88,90)	C+	[78,80)	D+	[68,70)
A	[92,99)	B	[82,88)	C	[72,78)	D	[62,68)
A-	[90,92)	B-	[80,82)	C-	[70,72)	D-	[60,62)