

# Honors Math 3 Syllabus

Spring 2017

[www.pchshonorsmath3.weebly.com](http://www.pchshonorsmath3.weebly.com)

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In order to meet the high standards expected at Panther Creek and to provide an opportunity for ALL students to learn, the following four behaviors are expected of every student at all times:

<b>Be present and on time.</b>
<b>Be prepared and engaged in learning.</b>
<b>Be a person of character.</b>
<b>Be safe and comply with Panther Creek High School and WCPSS policies.</b>

- 1. Course Outline:** Honors Common Core Math 3 will build upon knowledge you gained in Common Core Math 2. We will explore in more depth various concepts in mathematics, including modeling with linear functions, polynomials, expressions and equations, advanced functions, trigonometric functions, and statistics.
- 2. Technology:** PCHS strongly recommends that students purchase a TI-83/+, TI-84/+, or TI-Inspire graphing calculator. This calculator is an excellent investment in your education and will be an integral part of all class and homework assignments. Students are expected to demonstrate proficiency with a graphing calculator. These calculators will meet the requirements for all math and science courses offered at PCHS as well as standardized testing.

Many of our lessons, discoveries, and virtual lessons will be based online, and students will have to do some work outside of class on the computer. Our website is essential to the course as well. If you do not have access to a computer, please make arrangements to use a computer before school or at SMART lunch. Access to a printer is not required, but may be helpful. Homework that is posted online can always be done on a separate sheet of paper. Let your teacher know in advance if possible of any internet issues.

- 3. Materials needed:**
  - a. One 2-inch binder
  - b. Loose leaf paper
  - c. Compass
  - d. Graph paper
  - e. Colored utensils (pencils, highlighters, or markers)
  - f. Pencils
  - g. Calculator (see above)
- 4. Donations of the following are greatly appreciated for our class, as we go through these materials quickly!**
  - a. Tissues
  - b. Dry Erase Markers (bold colors)
  - c. Baby Wipes/Clorox Wipes
  - d. Paper Towels
  - e. Markers/Colored Pencils
  - f. Hand Sanitizer
  - g. Pencils/Pens
  - h. AAA Batteries

5. **Grades:**  
A 90-100  
B 80-89  
C 70-79  
D 60-69  
F 0-59

**60% Major Assessments (includes tests and major projects, etc.)**  
**30% Minor Assessments (includes quizzes and minor projects, etc.)**  
**5% Homework**  
**5% Student Engagement**

**Semester Grades: 1<sup>st</sup> Quarter: 40%, 2<sup>nd</sup> Quarter: 40%, Final Exam 20%**

6. You will have 1-2 **quizzes** and 1-2 **tests** each unit. Test and quiz corrections are highly encouraged and will earn student engagement points.
7. The **student engagement** grade is based on the rubric given the first day of the quarter. You can earn up to 100 points.
8. **Warm-ups** will be given each day at the beginning of the class period and will cover review problems.
9. **Homework** will be assigned each night mainly from the website. Homework will be checked using the 4-point scale (0=40, 1=69, 2=79, 3=89, 4=100).
10. **Remediation:** Because each unit test will include questions from the previous unit, students have the opportunity to replace the previous test grade with the average of that grade and the current grade. This means students should constantly be reviewing material and be sure to *correct every test* in preparation for the next.
11. **Absences:** If you are absent it is imperative that you make up the notes, class work, and homework immediately. This is your responsibility! A schedule for each unit as well as class notes are posted online. If you have further questions about concepts that you missed, please see me at SMART lunch. If you are absent on a test day, be prepared to take the test on the day you return.
12. **Leaving the classroom:** Students leaving the room is very disruptive to the learning process, both for the student leaving and for everyone else in the room, including the teacher. Please plan ahead and go to your locker, use the restrooms, and fill your water bottle during class changes and during your 55 minute lunch period. Your teacher must fill out the clipboard pass!
13. **Food/Drinks and Electronic Devices:** Food and drinks are NOT allowed in class with the exception of bottled water. Cell phones and other electronic devices are to be turned OFF and out of sight unless your teacher explicitly tells you otherwise.
14. **SMART Lunch Tutorials:** The days for math SMART lunch are Tuesday and Thursday. It is an expectation for all students to attend 4 SMART lunches per class per quarter.
15. **Tardies:** Please refer to your student handbook for the tardy policy. If you are tardy to class for any reason (excused/unexcused), you must sign the book at the front of the room. Please be in your seat when the bell rings and stay in your seat at the end of the period until the bell rings for the next class.
16. **Behavior:** I expect that you will respect me as a teacher, and in turn, I guarantee that I will respect you. Please leave any negativity of any sort outside the door. Only positive attitudes in the room are allowed!
17. **Extra Help:** Please seek help as soon as you begin experiencing difficulty. I am here to make you the best math student you can be!

