



## Foundations of Math 2 Fall 2016

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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:** Math 2 will build upon knowledge you gained in Math 1. We will explore in more depth various concepts in mathematics, including graphing characteristics, quadratic functions, radical functions, rational functions, geometry basics, trigonometry, and probability.

**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. These calculators will meet the requirements for all math and science courses offered at PCHS as well as standardized testing.

Blackboard is no longer supported by Wake County. This year we will be using a Weebly site to communicate with students and parents. You can visit the site here ([pchsmath2yl.weebly.com](http://pchsmath2yl.weebly.com)).

**3. Materials needed:**

- Notebook paper/Binder or spiral notebook
- Graph paper
- Colored utensils (pencils, highlighters, or markers)
- Pencils
- Calculator (see above)

Donations of the following are greatly appreciated for our class, as we go through these materials quickly!

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|-----------------------------------|-----------------------|
| - Tissues                         | - Hand Sanitizer      |
| - Dry Erase Markers (bold colors) | - Pencils             |
| - Baby Wipes/Clorox Wipes         | - Pens / Colored Pens |
| - Paper Towels                    | -AAA Batteries        |
| - Markers                         |                       |

**4. Grades:**

**50% Tests      10% Homework**  
**35% Quiz,      5% Student Engagement**

**Semester Grades: 1<sup>st</sup> Quarter: 40%, 2<sup>nd</sup> Quarter: 40%, Final Exam: 20% ( NCFE’s count 20% of overall grades)**

**5.** You will have 1-3 **quizzes** and 1 test each unit. Test/Quiz corrections are highly encouraged since tests are always cumulative. **The cumulative quarter tests will count as a test grade and will replace the lowest test grade of each quarter.**

6. The **student engagement** grade is based on the rubric given the first day of the quarter. You can earn up to 100 points.
7. **Warm-ups** will be given each day at the beginning of the class period and will cover review problems.
8. **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 on the weebly. If you have further questions about concepts that you missed, please see me at SMART lunch. If you are absent on a test day, you will take the test the first day back. If you miss review day, be prepared to take the test on test day.
9. **Electronics:** We are a BYOD ( Bring Your Own Device) school. Students are encouraged to bring laptops and tablets to school to support instruction.
10. **SMART Lunch Tutorials:** The days for math SMART lunch will be announced. It is an expectation for all students to attend 4 SMART lunches per class per quarter (2 during the first 4.5 weeks and 2 during the second 4.5 weeks). You will earn student engagement points when you attend. You must sign in every time and get your SE sheet signed. If you attend 4 SL in a quarter, we will drop your lowest quiz grade. This year's SMART lunch is Tuesday A lunch & Thursday B lunch.
11. **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.

