



PHCS Summer Math Work – Rising Pre-Calculus

Dear Parents & Students:

Summer is a time to relax, spend time with family, and hopefully explore new places. We want all students to have a fun filled engaging summer. In addition to the fun, we want to help students continue to think and problem solve through the summer. On average students lose approximately 2.6 months of grade-level equivalency in mathematical computation skills during the summer months. This is the reason we are asking all students to participate in the Summer Math Work Challenge. The challenge is broken down into five weeks. While students may complete skills during any week in the summer, we ask that skills are spread out rather than waiting until right before coming back to school. The purpose of the summer work challenge is to prepare students for next year's math course.

In Pre-Calculus this year, we will be using the Flipped Math Curriculum. This curriculum enables students to work at their own pace to master the skills necessary to move on to Calculus. Provided is the first unit of Honors Pre-Calculus. Students should watch the videos in the provided links for each section and fill out the note sections accordingly. Then try the practice and application sections. Students can check their work using the solutions, but I encourage students to do so only after they have completed the work. Mrs. Dayton will be able to be reached over the summer if aid is needed to complete the three sections. A review is also included as class will begin with some mastery checks and a test within the first week of school, regardless of whether the student has completed the practice.

Please follow the below link for the videos and solutions:

<https://precalculus.flippedmath.com/precalc-traditional.html>