

Math Summer Assignments

Mathematics is foundational and it is crucial that students maintain certain skills and conceptual understandings to be able to succeed in future mathematics courses. It is for this reason that we have developed summer assignments that are designed to help students review, refresh, and improve upon prerequisite skills to prepare for future courses. The assignments were designed by content teachers to help students be better prepared for math work in the fall.

Why: PFHS encourages students to engage their brains and to continue to practice their skills over the summer. We want students to be ready to actively engage in their learning when they return for the next school year and be prepared for the pacing and rigor of their math class. Summer slide is a phrase often used in research to explain the importance of students continuing to keep their brains engaged in learning. If students do not continue to engage in learning they can fall behind their peers causing large gaps in achievement.

Goal: PFHS aims to balance summer assignment time with the need and importance of students spending time with their families, working, resting, and exploring things that interest them and support both their academic and social emotional learning.

Responsibility: All students are expected to complete the summer assignment associated with the course they are enrolled in for the next school year. These assignments will be counted as your student's first assignment for the new year. This work will be due when your student returns to school in August. Students will be given time in class to clarify questions, practice concepts and will be assessed during the first few weeks of school.

Path to Math Success: There are many online sources for learning and practicing math, such as Khan Academy, youtube, purplemath, mathisfun and mathbits, and your local library should also have review books for every course of mathematics. Students will be expected to recall these skills quickly and accurately as they appear in new material. The academic benefits of this review will be inherent in the classwork and assessments assigned throughout the new mathematics course.

Commitment: We want to make sure that your students maintain a proficiency level in the mathematical concepts they have learned and continue to maintain their math skills over the summer months, in addition to preparing them for the course work that will take place for next year.