Summer Assignments

Advanced Pre-Calculus
Episcopal Collegiate School

Due Date: First Day of Class

Success in Advanced Precalculus and subsequently Calculus requires a solid understanding of the many basic functions you have encountered in Upper School Mathematics. In Advanced Algebra I and Algebra II you learned about functions such as linear, quadratic, rational and others. As a way to prepare for Advanced Precalculus I'd like you to create a Function Family Binder. As we navigate our way through the Advanced Precalculus curriculum you will not only use this family binder as a resource but also add to it as we learn about new functions.

Required Details

At the very minimum, your binder (1 inch) must contain at least one completed handout for each function family listed below. Additionally, you will use these notes for our year of learning PreCalculus and we'll be adding more functions along the way. Feel free to add any other features of the function that you feel are important or interesting.

Function Family Names

1. Linear
2. Absolute Value
3. Quadratic
4. Cubic
5. Constant (let c=2)
6. Square Root
7. Cube Root
8. Rational/Reciprocal

If you have any questions contact Ms. Lenfestey at klenfestey@episcopalcollegiate.org