



July, 2017

Dear Parents:

The Rangeview High School Math Department is committed to high standards and improving student achievement in mathematics. In order to help students reach their learning potential in math, we believe each student should have a graphing calculator for their use at all times.

Graphing calculators have become an integral part of high school mathematics because they are efficient and easily accessible. Students use graphing calculators to work with numbers that are difficult to manipulate, to organize data, and to display graphs. They allow students to experiment with different ways to approach problems, study trends in data, and check the accuracy and reasonableness of their solutions. Through these activities, students are able to connect what they are learning in school to real-world applications.

The graphing calculators will be utilized in the Integrated Algebra and Geometry I and II (9th and 10th grade math) courses. Many science classes will rely on these calculators as well. This instrument is designed to grow with your student's mathematical ability; solving more complex computations as their learning and understanding advances.

When choosing a graphing calculator, we recommend the Texas Instruments TI-83 Plus or TI-84. These calculators have substantial memory that allows for students to write and store programs and they are upgradeable via the Internet. In addition, the Rangeview math teachers will be using these calculators with their instruction. Finally, the TI-83 Plus and TI-84 have been approved for use on the ACT, SAT, and TCAP tests. You will find brands such as Casio that are cheaper, but they are not compatible with the TI-83 or TI-84 and most of the teachers will not be able to help the students with the Casio.

We appreciate your support in our efforts to improve our program.

Sincerely,

Ashley Dean and Stephenie Anderson-Dyben
Department Chairs
Rangeview Mathematics Department