



The Mathematics Department strongly believes that mathematics is an important and essential discipline. Mathematics not only facilitates a pattern of logical thinking but also presents a system of valuable skills that are applicable to one's everyday life.

At Peak to Peak, students are placed in the appropriate math classes based on ability and academic achievement. Math groups are flexible and may change throughout the year. Our primary goal is to help our students understand the value of mathematics and then provide them with the skills they need to achieve their full potential in this field of study. We will accomplish this in the following manner:

- Guide our students to understand the concrete and abstract concepts of mathematics as well as demonstrate an ability to apply those concepts in their everyday lives.
- Challenge our students to be responsible and active learners who confidently communicate their learning to others.
- Maintain high expectations for all of our students.
- Let our students know we believe in their ability to succeed in math.
- Place students at a level where they are challenged yet successful
- Strive to maintain a quality education for our students by regularly seeking to improve our classroom pedagogy and assessing students formally and informally throughout the year.

Students are encouraged to take the most challenging course in which they can succeed, but care is taken to avoid putting students in a situation where they may feel overwhelmed.

## **Curriculum and Curricular Materials**

Peak to Peak uses the series *enVisionMATH* Common Core published by Scott Foresman/ Addison Wesley. Our work is supplemented by the *Investigations* series for hands-on investigations into math concepts.

## **Assessments**

Students will be assessed three times during the school year using the adopted Peak to Peak Standards Based Math Test for each grade level. Assessments in the classroom are both formal and informal to include performance-based and higher-level questioning (Bloom's Taxonomy). In addition, students in grades K-2 take a verbal performance-based assessment, while students in grades 3-5 take the TCAP tests as part of the Colorado state requirements.

Peak to Peak's Mathematics curriculum is designed to be a vital and vibrant part of our students' education. Students will have a high degree of background knowledge and the courage, creativity, and passion necessary to become productive citizens and leaders in their own communities, in our nation, and in the world.



## Mathematics Curriculum Links

Listed are the BVSD standards, which combine all standards from the Common Core State Standards (CCSS) and the National Council of Teachers of Mathematics (NCTM):

[Kindergarten](#)

[First Grade](#)

[Second Grade](#)

[Third Grade](#)

[Fourth Grade](#)

[Fifth Grade](#)