

Mathematics Page

Spectrum Mathematics Department Philosophy

Our philosophy includes the following:

- Students learn math skills that transfer to real world applications
- Students learn problem solving skills
- Students are prepared for life after high school (workforce, post-secondary education)
- Assessments will be used to determine comprehension and whether relearning is necessary
- Students will understand that their performance on assessments will help determine their placement in classes and careers that require math
- Students will come to understand that skills built in math are widely used in many aspects of life

Spectrum Mathematics Program Goals

- As students progress from one class to another, their skills can be applied
- Students make connections with skills in math class to other subjects
- Students persevere in modeling and solving complicated problems
- Students find that they have the confidence and ability to learn math

[Spectrum Math Placement Flowchart](#)

Curriculum Resources

Algebra II, McDougal Littell

Algebra and Trigonometry, Blitzer

Elementary Statistics, Larson & Farber

Geometry, McDougal Littell

Mathematical Ideas, Miller, Heeren, and Hornsby

Standards and Content Resources

[Minnesota Department of Education Mathematics Standards Page](#)