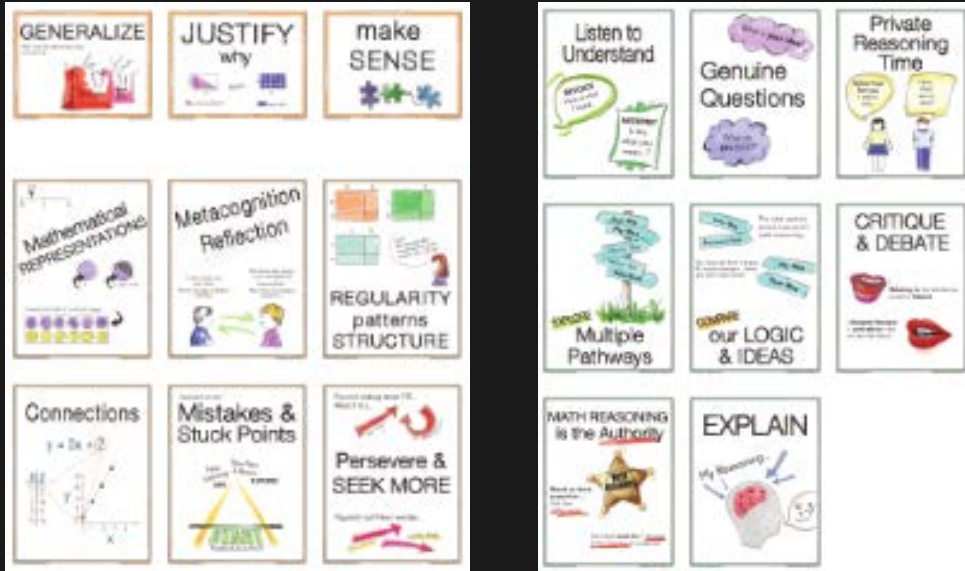


Spaulding Math Offerings

How We Teach: Mathematical Habits



The Mathematical Habits are closely aligned with the Mathematical Practices of Common Core.

Instruction:

- **Structured Math Talk gets every student talking and listening.**
- **Students present work and answer questions**
- **Multiple Pathways are emphasized over “the answer”**

Math 180

- Math 180 is a computer-based program.
- Designed to meet students at their level.
- Taught by a Special Education teacher.
- Covers math standards at the grades 3-6 level.
- Approximately 5 students will take this course this year.

Foundations and Connections: CPM

- Courses have a cap of 15 students per class (instead of 24 like our other offerings.)
- College Preparatory Mathematics provided training for our staff.
- Connections is a 7th grade level class. Approximately 19 students this year.
- Foundations is an 8th grade level class. Approximately 58 students this year.

Algebra, Geometry and Algebra 2

- Uses Discovering Series
- Algebra is two semesters
- Geometry and Algebra 2 are one semester each
- 125 students will take Algebra 1
- 110 students will take Geometry
- 135 students will take Algebra 2

Functions, Statistics and Trigonometry

- Elective course students may take after Algebra 2
- Project-based
- No textbook
- Approximately 15 students choose to take this course.

Honors Algebra, Geometry, Algebra 2 and Precalculus

- Each one semester so motivated students can finish these four courses in two years.
- 35 students will take Algebra and Geometry Honors this year.
- 21 students will take Algebra 2 Honors
- 42 students will take Precalculus Honors (many of these students did not take the other honors courses.)

Statistics

- One semester course that prepares students to take AP Statistics in the spring, but can also be taken as a stand-alone course.
- 47 students will take Statistics

Advanced Placement

-AP Calculus AB

-AP Calculus BC

-AP Statistics

- 22 students will take AP Statistics and 32 will take AP Calculus

Additional Supports

- Math Tutorial
- Proficiency Support (formerly known as Homework Club)
- Advisory
- AM/PM time
- Extra support with Mrs. Benoit
- Extra support with Mrs. Dufresne
- Reassessment plans (as are done for all subjects)

Spaulding Math Club

For students who want even more math enrichment, the SHS Math Club:

- Participates in the New England Mathematics League 6 times a year.
- Meets weekly to discuss topics.
- Some participate in Vermont Math Talent Search.
- UVM Math Prize Contest