
PETERS TOWNSHIP MIDDLE SCHOOL

COURSE SYLLABUS: PSSA MATH 8

Course Information	Teacher Information
<u>Course Length:</u> 30 days	<u>Name:</u> Mr. Scaglione

Course Overview and Essential Skills:

PSSA Math 8 is a remedial course for specific students who scored at a “basic” or “below basic” level on the state math exam the previous year. This course is a 30 day class focused on individualized help and instruction. With smaller class sizes, the teacher is able to provide more one on one assistance and support. Most class time will be spent focusing on and practicing previously learned skills, but the time and support is there to help with current math skills and content. There will also be a web based program available for student use in the classroom and outside of school.

Course Textbook, Supplemental Resources and Required Materials

- Think Through Math (www.thinkthroughmath.com)
- EngageNY (www.engageny.org)
- Mathematics Assessment Project (map.mathshell.org)
- Inside Mathematics (www.insidemathematics.org)
- Smarter Balanced (www.smarterbalanced.org)

Course Outline of Material Covered:

Unit or Topic	Course Activities/Resources	Timeframe
Expressions and Equations	Creating and Solving Linear Equations	8 days
Number System	Exponents Scientific Notation Roots (square and cube)	8 days
Geometry	Volume (cylinders, cones, spheres) Pythagorean Theorem Transformations	8 days
Think Through Math	Web based program providing guided learning and problem solving. Will use this program at the conclusion of each individual unit.	6 days

**Depending on the needs of the class or changes in the school year, the course outline is subject to change.*