

SAT Math Review

Knowledge Content

Students who take this course will study the following topics:

- Equation solving
- Inequalities
- Algebraic fractions
- Triangles
- Quadrilaterals
- Polygons
- Circles
- Coordinate geometry
- Graphs
- Data interpretation.

Skills Content

Upon completion of this course, students will be able to:

- Solve linear equations
- Solve quadratic equations
- Simplify algebraic fractions
- Solve equations involving algebraic fractions
- Solve inequalities in one variable
- Identify the characteristics of different triangles and quadrilaterals
- Solve problems involving the sides and/or angles of triangles and quadrilaterals
- Find angle sums for any type of polygon
- Find interior and exterior angle measures of regular polygons
- Identify different aspects of circles (i.e. tangent, chord, radius, diameter, etc.)
- Find the measure of central and inscribed data
- Find slope, distance and midpoint for a pair of given points
- Graph linear equations
- Read and interpret graphs and charts
- Interpret sets of given data.

Assessment

- Tests
- Quizzes
- Homework
- Classwork
- Sample standardised test modules.

Examinations

This course will help prepare for standardised tests such as the SAT or ACT.

Resources

– Postman, R. and Postman, R., *Conquering S.A.T. Math, 2nd Edn.* McGraw-Hill, New York, 2007.

Prerequisites

Integrated Math 2.

Credits

One Half Credit.