

What's New in the Math Department?

Math Department Website: [LINK](#)

SAT & PSAT: Topics (more statistics, PSAT 8/9 not just PreAlg) [LINK](#)

Getting Used to new PSAT Scores [LINK](#)

Khan Academy [LINK](#)

Common Core: No PARCC, our alignment with Common Core, ATM

New textbooks: K-8, regular curriculum, ebooks

8th grade placement: EXPLORE→PSAT8/9

ALEKS: COD placement [LINK](#)

Use at York now & next year to supplement instruction [LINK](#)

Summer School signups: Math courses require Math Department approval in order to sign up

MATH TOPICS on the new SAT

Heart of Algebra - 33%

Analyze and solve equations and systems

Create and use linear equations and inequalities to solve problems

Relate equations/inequalities and their graphs to solve problems

Problem Solving and Data Analysis - 29%

Analyze relationships using ratios, proportions, percentages, and units

Represent and analyze data

Find and apply probabilities in context

Passport to Advanced Math - 28%

Identify and create equivalent algebraic expressions

Create, analyze, and solve quadratic and other nonlinear equations

Create, use and graph exponential, quadratic, and other functions

Additional Topics in Math - 10%

Solve problems with area and volume

Apply properties of lines, angles, triangles, and circles

Work with right triangles, the unit circle, and trigonometric functions

What's new with math courses?

Courses & flow: view individual pathways OR structure of the courses [LINK](#)

ATM: with FG & AlgAB, Common Core, SAT

AATH & Precalc/Precalc H: new flowchart, flexibility

Functions & Finite Math: content, ACP

Summer school Precalc:

8th grade Geo/GeoCP: placement, parochial, freshman year, CalcBC, year 4