

SAT

READING & WRITING

▪ **READING**

Short reading comprehension passages

▪ **WRITING**

Information and ideas

Craft and structure

Expression of ideas

Standard English conventions

MATHS

ALGEBRA

- Linear equations in 1 variable
- Linear equations in 2 variables
- Linear functions
Systems of 2 linear equations in 2 variables
- Linear inequalities in 1 or 2 variables

ADVANCED MATHS

- Equivalent expressions
- Nonlinear equations in 1 variable
- Systems of equations in 2 variables
- Nonlinear functions

PROBABILITY SOLVING AND DATA ANALYSIS

- Ratios, rates, proportional relationships, and units
- Percentages
- One-variable data: distributions and measures of center and spread
- Two-variable data: models and scatter plots.
- Probability and conditional probability
- Inference from sample statistics and margin of error
- Evaluating statistical claims: observational studies and experiments

GEOMETRY AND TRIGONOMETRY

- Area and volume formulas
- Lines, angles, and triangles
- Right triangles & trigonometry
- Circles