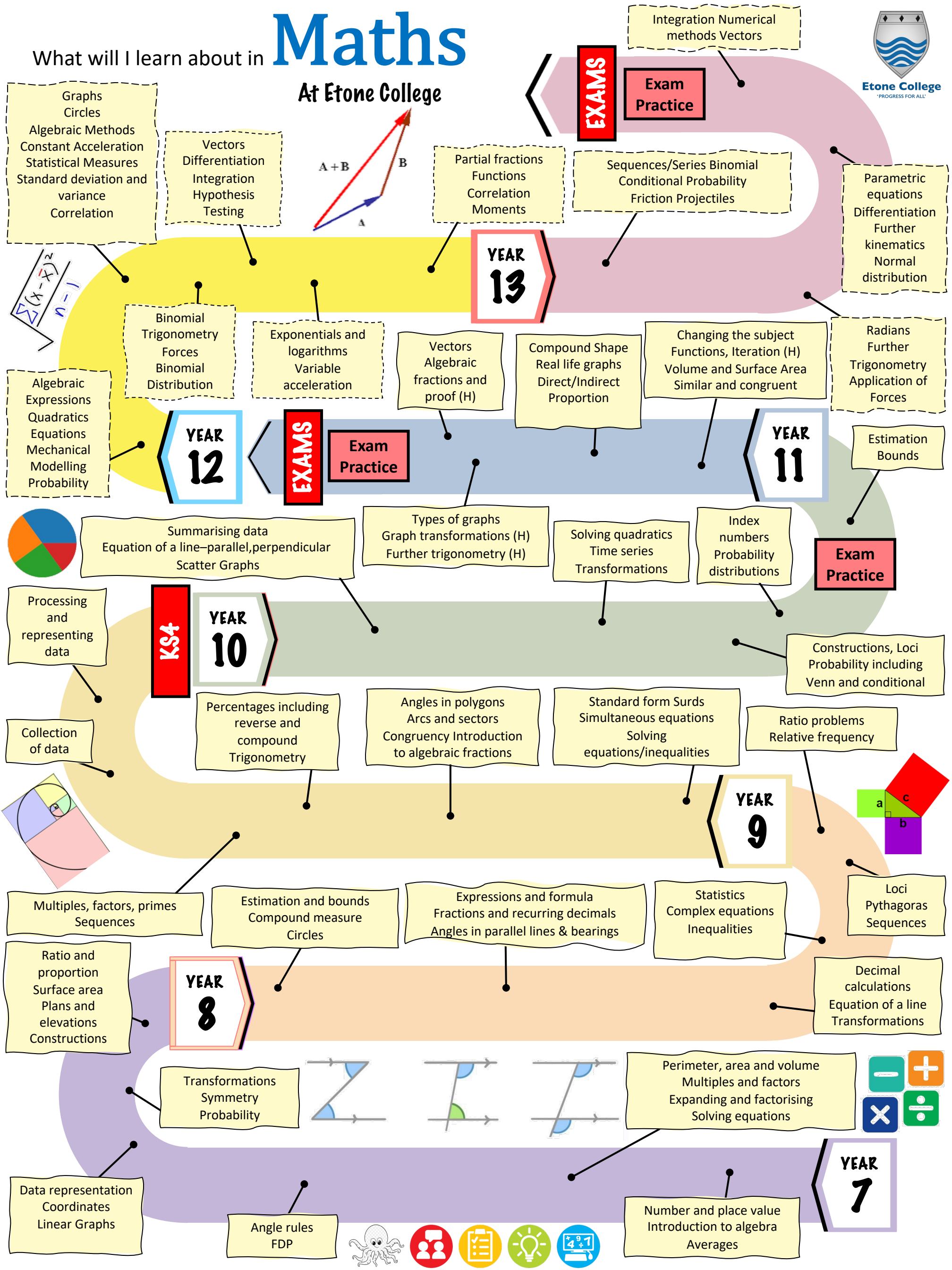


What will I learn about in Maths



At Etone College



EXAMS

Exam Practice

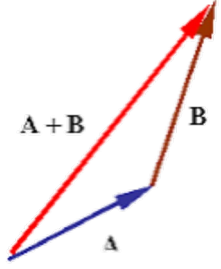
Integration Numerical methods Vectors

Sequences/Series Binomial
Conditional Probability
Friction Projectiles

Parametric equations
Differentiation
Further kinematics
Normal distribution

YEAR 13

Partial fractions
Functions
Correlation
Moments



Vectors
Differentiation
Integration
Hypothesis Testing

Graphs
Circles
Algebraic Methods
Constant Acceleration
Statistical Measures
Standard deviation and variance
Correlation

$$\sum (x - \bar{x})^2$$

$$n - 1$$

Radians
Further Trigonometry
Application of Forces

Changing the subject
Functions, Iteration (H)
Volume and Surface Area
Similar and congruent

Compound Shape
Real life graphs
Direct/Indirect Proportion

Vectors
Algebraic fractions and proof (H)

Exponentials and logarithms
Variable acceleration

Binomial
Trigonometry
Forces
Binomial Distribution

YEAR 12

EXAMS

Exam Practice

YEAR 11

Estimation
Bounds

Exam Practice

Index numbers
Probability distributions

Solving quadratics
Time series
Transformations

Types of graphs
Graph transformations (H)
Further trigonometry (H)

Summarising data
Equation of a line—parallel, perpendicular
Scatter Graphs

KS4

YEAR 10

Constructions, Loci
Probability including Venn and conditional

Ratio problems
Relative frequency

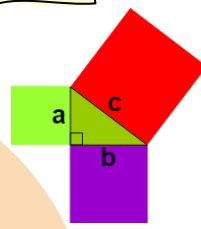
Standard form Surds
Simultaneous equations
Solving equations/inequalities

Angles in polygons
Arcs and sectors
Congruency Introduction to algebraic fractions

Percentages including reverse and compound
Trigonometry

Processing and representing data

Collection of data



YEAR 9

Loci
Pythagoras
Sequences

Statistics
Complex equations
Inequalities

Expressions and formula
Fractions and recurring decimals
Angles in parallel lines & bearings

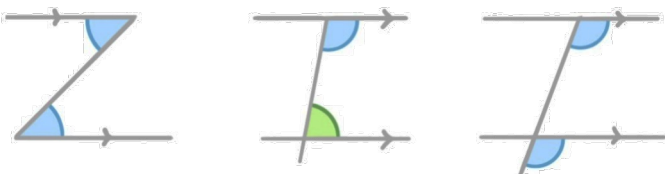
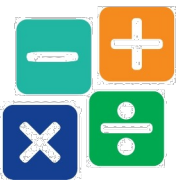
Estimation and bounds
Compound measure
Circles

Multiples, factors, primes
Sequences

YEAR 8

Decimal calculations
Equation of a line
Transformations

Perimeter, area and volume
Multiples and factors
Expanding and factorising
Solving equations



Transformations
Symmetry
Probability

Ratio and proportion
Surface area
Plans and elevations
Constructions

YEAR 7

Number and place value
Introduction to algebra
Averages

Angle rules
FDP

Data representation
Coordinates
Linear Graphs

