

# Maths P16 Curriculum Map



Lunch time revision  
Teachers free periods  
Independent study!

## FURTHER STUDY

Mixed Exercises, Review chapters, key points, past papers, exam questions.

## CAREER

Accountant, Actuary, Engineer, Doctor, Teacher, Finance, ANYTHING!

## SKILLS

Problem Solving, algebraic fluency, real world application, data analysis, modelling

## INTEREST

Finance, Sport, Probability, growth and decay, FOR THE LOVE OF MATHEMATICS!

**TERM 5**  
Maths:  
Exam Preparation  
Further Maths:  
Exam Preparation

MOCK EXAMS  
Y13 Mocks

**REVISION & EXAMS**

**TERM 4**  
Maths:  
Year 2 Stats/Mechs  
Further Maths:  
Methods in Calculus, Reducible diff eqns, Elastic Collisions

**TERM 3**  
Maths:  
Calculus, Vectors  
Further Maths:  
Conics, Taylor Series, Strings & Springs

**TERM 2**  
Maths:  
More Trigonometry, Parametric equations, Further Maths: Hyperbolic Functions, Differential Eqns

**TERM 1**  
Maths:  
Binomials, Angles, Trigonometry  
Further Maths:  
Integration, Polar Coordinates

**YEAR 13**

**TERM 6**  
Maths:  
Algebra, Functions, Sequences  
Further Maths:  
Complex Nos, Series, Methods of Calculus

$$S_n = \frac{a(1-r^n)}{(1-r)}$$

**TERM 5**  
Maths:  
Probability, Algebraic Methods  
Further Maths:  
Trigonometry  
Further Calculus

**TERM 4**  
Maths:  
Data, Correlation, Forces  
Further Maths:  
Inequalities, t-formulae, numerical methods, Collisions

MOCK EXAMS  
Y12 Mocks

Maths Challenge

$$\frac{d}{dx} f(x)$$

**TERM 2**  
Maths:  
Algebraic Methods, Calculus  
Further Maths:  
Matrices, Induction, Vectors

**TERM 3**  
Maths:  
Trigonometry, Vectors, Exponentials  
Further Maths:  
Integration, Vectors, Conics, Momentum, Work-Energy-Power

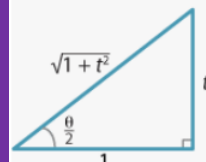
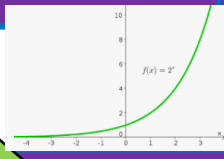
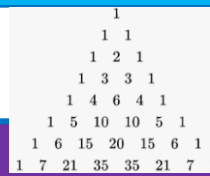
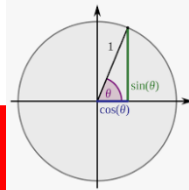
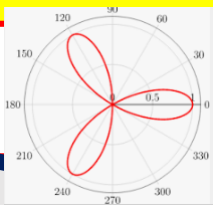
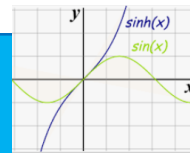
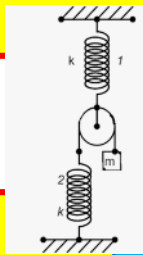
**TERM 1**  
Maths:  
Algebra, Graphs, Coordinate Geometry  
Further Maths:  
Complex Nos, Series, Polynomials

**YEAR 12**

**AO1 - USE & APPLY**  
Facts, Notation & Procedures

**AO2 - REASONING**  
Deductions, Inferences, Communication & Arguments

**AO3 - PROBLEM SOLVING**  
Processing, making connections and evaluating



$$a + bi$$

↑            ↑  
Real part   Imaginary part

