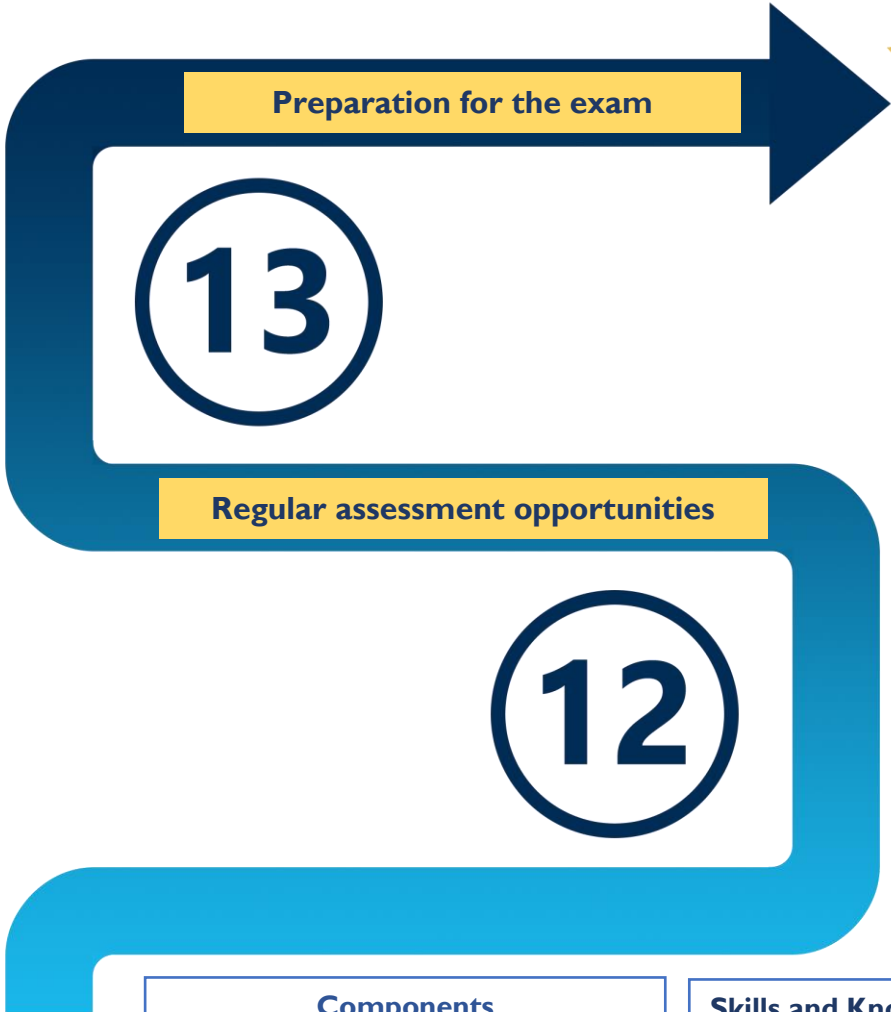


# KS5 Curriculum Journey

## Maths

**Next Steps**  
University  
Apprenticeship  
Employment

**Skill for Life**  
Problem Solving  
Reasoning  
Statistical analysis  
Numeracy



**Components**  
Proof  
Sequences and series  
Differential Equations  
Numerical solutions of equations  
Projectiles  
Moments  
The Normal Distribution  
Hypothesis testing

**Components**  
Indices and surds  
Quadratic functions and Polynomials  
Trigonometry  
Coordinate Geometry  
Logarithms and Exponential modelling  
Binomial Expansion  
Calculus  
Vectors  
Data presentation and interpretation  
Probability  
Introduction to Mechanics

**Skills and Knowledge Building**  
Use and apply standard techniques  
Reason, interpret and communicate mathematically  
Solve problems within mathematics and in other contexts.

**Career Ideas**  
Engineering  
Accountancy  
Teaching  
Finance

**Builds on**  
Maths, Physics

**Grade Criteria**  
Grade 6 at GCSE Maths  
(Grade 7 preferred)

