

# Yr 10 Mathematics Higher Tier

**Exam Board: AQA**

**Invigilated Paper**

## **Revision list for Paper 2 – Calculator**

### **Algebra**

Algebraic fraction  
Changing the subject  
Exponential Graphs  
Factorise  
Gradient  
Graphical solution of equation: Roots  
Identity  
Quadratic equation  
Reciprocal graph  
Speed-time graph  
Substitution  
Trigonometric graph  
Turning point

### **Geometry**

3D Pythagoras and volume  
Area of trapezium  
Combined transformation  
Congruence  
Invariance  
Polygon  
Right-angled triangle trigonometry  
Surface area and volume of cuboid

### **Number**

Highest common factor  
Product rule for counting  
Standard form  
Working with bounds

### **Probability**

Probability

### **Ratio**

Density  
Mean and percentage  
Ratio argument  
Repeated proportional change

### **Statistics**

Cumulative frequency graph  
Time Series graphs

**Exam Length: 90 Minutes**

### **Useful revision resources:**

Mathswatch - <https://vle.mathswatch.co.uk/vle/>  
Corbett maths <https://corbettmaths.com/>  
BBC bitesize <https://www.bbc.co.uk/bitesize>  
Oak Academy <https://www.thenational.academy/>  
GCSE pod