



## YEAR 9 CURRICULUM

**Subject: Mathematics**

**Head of Department: Mrs A. Payne**

### **Topics of Study:**

- Manipulating algebraic expressions, solving equations and sequences.
- Properties of shapes, area, volume and transformations
- Analysing and representing data.
- Types of number, arithmetic, estimating and rounding.
- Probability
- Ratio and percentages.

### **Assessment overview:**

- Assessments take place in accordance with the school assessment calendar.
- Students are given a GCSE paper at each assessment point.

### **Homework:**

- Homework is set weekly. It may be a revision of core skills, or based on current class work.

### **Extra curricular opportunities:**

- Top set Year 9 students do "Challenge" lessons where they work on problem solving activities in teams.
- Bedford Borough Maths Challenge
- Pi day in March

### **The following websites are recommended to extend learning:**

- Mathswatch
- MyMaths
- (all students have logins for both of these sites)

