

## SPRING TERM 2024

**Subject: Computing**

**Year: 8**

### **Topic(s) to be covered**

#### **CYBER SECURITY – Living in the modern world**

In this unit students will be creating a multimedia presentation to inform businesses about unauthorised access, threats to their security as well as advice on how to protect themselves. They will use Microsoft PowerPoint to create their product.

#### **Aim of the unit**

This unit will take the whole of this term to complete. Students will:

- Know what makes good design
- Understand the importance of consistency and use templates effectively
- Learn skills needed to create a multimedia product that are fit for purpose and audience
- Understand the meaning of social engineering and how computing systems can be compromised
- Recognise how malicious coding are a treat to businesses
- Know how to protect and prevent these threats to security
- Review completed graphic and its suitability to target audience and purpose

**A detailed breakdown of what will be covered in each lesson can be found on the class Teams page.**

### **Assessment Procedures**

Each lesson contains tasks for students to work through independently and as whole class that cover the topics for that lesson, some of which will be marked off in their Assessment Booklet.

At the end of this unit there will be a 45-minute exam paper based on all the topics covered this term which will determine their final grade for this unit.

### **Homework guidance**

Homework will be set once a fortnight. This will be marked and recorded on the student Tracking Sheet. The grades awarded will be Acceptable, Good or Excellent (credit awarded).

Details of individual homework can be found on Synergy.

### **How can you help?**

Encourage your child to work on their PowerPoint presentation when they have time and to look back on their notes for this topic to help in the final exam.