

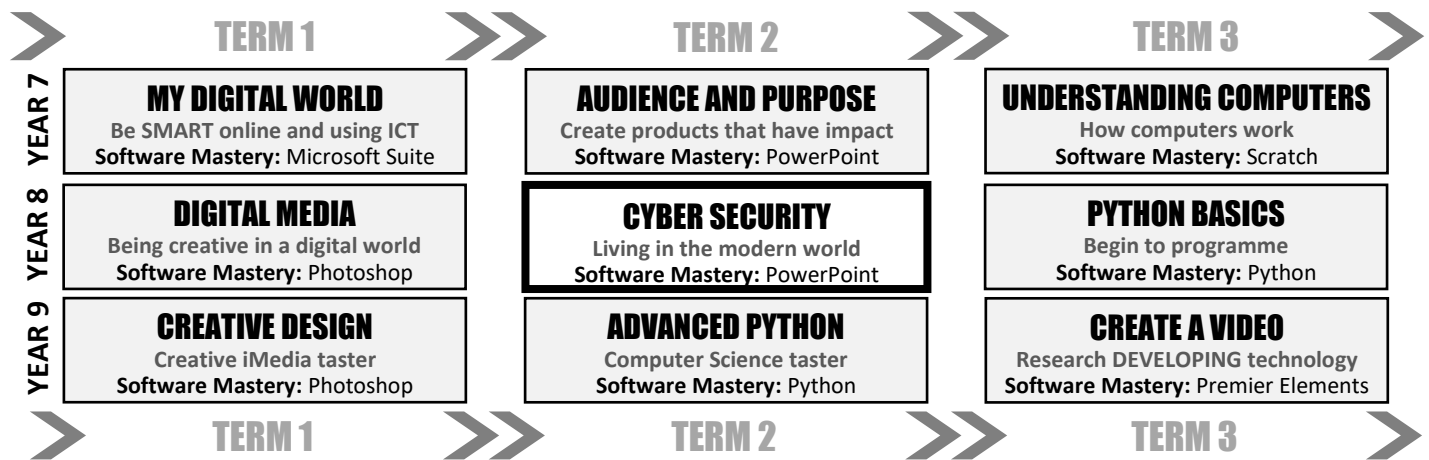
UNIT OVERVIEW & LEARNING JOURNEY

YEAR 8 – COMPUTING: TERM 2



CYBER SECURITY – Living in the modern world

OVERALL LEARNING JOURNEY FOR KEY STAGE 3 COMPUTING



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 this unit:

This unit will take the whole of this term to complete. Topics students will cover:

- 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

Students will use Microsoft PowerPoint to create their interactive multimedia product.

Assessment:

Most lessons contain multiple choice questions for students to work through, individually and as a whole class that cover the topics for that lesson. There are also independent tasks for students to complete which their class teacher will mark and add to their exercise book.

At the end of this unit there will be a 40-minute exam on all the topics covered this term.

This test, as well as the skills demonstrated on the poster will determine their final grade for this unit.

Homework:

Each fortnight students will receive at least one homework, for which they should only spend 20 minutes completing. These will be a combination of written, research, investigative tasks.

How you can 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.



Ad Astra

★ SINCERE ★ THOUGHTFUL ★ ASPIRATIONAL ★ RESILIENT ★ SOLIDARITY ★

STARS

DATE:			
RAG rate your understanding:		LESSON 1: Consistency	
☹	☺	☺	Slide master Consistency Template Title slide Content slide Good design

DATE:			
RAG rate your understanding:		LESSON 2: Design and create	
☹	☺	☺	Purpose Audience Criteria Consistency Templates Good design

DATE:			
RAG rate your understanding:		LESSON 3 and 4: Social engineering	
☹	☺	☺	Social engineering Blagging Shoulder surfing Phishing Pharming Prevention

DATE:			
RAG rate your understanding:		LESSON 5: Multimedia and interactivity	
☹	☺	☺	Components Video Hotspots Photo gallery External links Roll over



Ad Astra [★]

★ SINCERE ★ THOUGHTFUL ★ ASPIRATIONAL ★ RESILIENT ★ SOLIDARITY ★

STARS