

# Keywords: Autumn 2

## COMPUTING

**Topic Title: CYBER SECURITY**

### **Threats to a computer system/network and how I protect my personal data.**

Understand personal data, how organisations might use it and the principles of the DPA.

Recognise how human errors pose security risks to data and implement strategies to minimise the risk of data being compromised through human error.

Define hacking in the context of cybersecurity and the need for the Computer Misuse Act.

Discuss malware threats and prevention strategies

<b>Keyword</b>	<b>Definition</b>
Data vs Information	Data is raw facts or figures without context. Information is when data has been processed and becomes meaningful.
Data protection Act	A legal Act that is designed to protect your personal details.
Social Engineering	Social engineering is the ability to obtain confidential information by deceiving and manipulating people.
Phishing	The most common form of Social Engineering in which emails, phone calls or text messages pretending to be from a legitimate company/institution to fool a recipient into divulging personal details.

Blagging	<b>Blagging</b> (also known as <b>pretexting</b> ) is an attack in which the perpetrator invents a scenario in order to convince the victim to give them data or money.
Computer Misuse Act	The Computer Misuse Act protects personal data held by organisations from unauthorised access and modification.
Malware	Malicious Software including, Viruses, Worms, Trojans, Spyware/Adware.