

Week 1

Introduction to Cyber Crime and Cyber Security



Looking at the introduction into what cyber crime is and the different types alongside examples to educate pupils in what to look out for and the consequences of cyber crime.

Week 2

Reliability and Standards



Students will be looking at identifying what the potential careers are which ICT can take them into, whilst also examining issues which computers and showing off your creativity in a task where you will be creating a hacker and who you plan to target.

Week 3

Types of Cyber Attacks

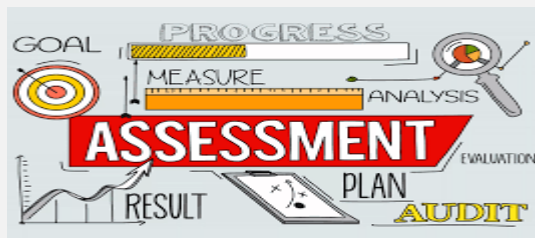


Looking at what social engineering and malware are with examples to enhance understanding at the potential cyber attacks which people could be at risk of and this ensures pupils know what to look out.

Year 7 ICT: Term 4 - Cyber Crime and Security

Weeks 4 + 5

Assessment Lessons



You will be looking at creating a webpage for Skegness Academy based off the information covered over the previous 3 weeks worth of lessons and based off the scenario given to you whilst implementing your own ideas in the design and layout,

Week 6

Self Evaluation of Assessment



Students will be conducting a self evaluation on their assessment work in which they will be looking into the strengths, weaknesses and making recommendations on how to improve it and why it would improve it.

Key words:

NCA - National Crime Agency

Cyber Dependant – (or 'pure' cyber crimes) are offences that can only be committed using a computer, computer networks or other forms of information communications technology (ICT).

Cyber Enabled - (such as fraud, the purchasing of illegal substances and child sexual exploitation) can be conducted on or offline, but online may take place at unprecedented scale and speed.

Social Engineering - The art of gaining access to buildings, systems or data by exploiting human psychology, rather than by breaking in or using technical hacking techniques.

Malware - Is any piece of software that was written with the intent of doing harm to data, devices or to people.

Week 1

Questions	Answers
What is a cyber dependant crime?	Cyber-dependent crimes (or 'pure' cyber crimes) are offences that can only be committed using a computer, computer networks or other forms of information communications technology (ICT).
What is a cyber enabled crime?	Cyber-enabled crimes (such as fraud, the purchasing of illegal substances and child sexual exploitation) can be conducted on or offline, but online may take place at unprecedented scale and speed.
What are examples of cyber crimes?	Unauthorised Access Malicious Software DDOS (Disturbed Denial of Service) Attack

Week 2

Questions	Answers
What does the NCA stand for?	National Crime Agency
How many types of cyber crime are there?	2 types of Cyber crime: Cyber Dependant Cyber Enabled
Can anyone have a negative experience with technology?	Yes, anyone can have a negative experience with Technology.

Week 3

Questions	Answers
What is Social Engineering?	The art of gaining access to buildings, systems or data by exploiting human psychology, rather than by breaking in or using technical hacking techniques.
What were the 5 types of social engineering?	- Phishing - Pretexting - Baiting - Tailgating - Shouldering
What were the 7 types of malware?	- Virus - Trojans - Spyware - Worms - Ransomware - Adware - Botnets



**Year 7 ICT:
Term 4 - Cyber Crime and Security**



Weeks 4 + 5

Assessment:

Criteria
Skegness Academy are looking to encourage pupils to be able to use the internet and their computers in a safe and secure manner and to achieve this, you are being set the task to design a webpage that could feature on the school's website, in which you will explain to pupils, all they need to know about how they can protect their computers and information.
The webpage that you produce needs to be informative and relevant so that when pupils use their computers, they do so appropriately and sensibly.

Week 6

Questions	Answers
What does it mean to evaluation something?	To judge the quality and or importance of something
Why do I need to do a self evaluation?	To understand and determine what you did well, what you feel you struggled with, within the task and what recommendations you would make to change in order to improve your work.
What types of questions are covered in your self evaluation?	What is good about your finished webpage? What didn't you do so well with your webpage? How would you improve your webpage? How would this improve it?

Key words:

NCA - National Crime Agency

Cyber Dependant – (or 'pure' cyber crimes) are offences that can only be committed using a computer, computer networks or other forms of information communications technology (ICT).

Cyber Enabled - (such as fraud, the purchasing of illegal substances and child sexual exploitation) can be conducted on or offline, but online may take place at unprecedented scale and speed.

Social Engineering - The art of gaining access to buildings, systems or data by exploiting human psychology, rather than by breaking in or using technical hacking techniques.

Malware - Is any piece of software that was written with the intent of doing harm to data, devices or to people.