Whitmore High School
Independent Learning Projects for ICT

Year 8

This project will take about 4 hours to complete

Aim: To produce a written explanation of malicious software that can be found on your computers
Objectives: You have lots of computer devices at home, do you ever think about protecting them? 1. You are asked to answer questions about viruses and protecting your computers 2. Researching different types of malicious software that can impact your devices.
What do you have to do: • Find out about viruses and look at your computer equipment at home and how they are protected • Using the internet to help you research task 2, find out about different malicious software.
What format can your work be in? Microsoft Word
Key points to help you complete the task: Give as much detail of the descriptions of the security features and the issues.
Resources you will need to help you: A computer or laptop, Microsoft Word or Office 365, the Internet
Success Criteria: A completed table giving clear details of all security issues and malicious software.

Independent Learning Project - Security

Word process and complete this table (it may extend over several pages and you may wish to include suitable images)

Questions	Answer
In ICT terms, what is meant by the term 'computer virus'?	
What effects can a virus have on a computer system?	
What are the most common ways to be infected by a computer virus?	
What is the purpose of anti-virus software?	
Give two examples of anti-virus software	
Explain why it is important to constantly update anti-virus software	
Give three sensible precautions you can take to stop the spread of computer viruses	

In the table below, describe what each pest does and how it gets onto your computer.

Malicious Software	What is it? What it does	How it gets on your computer?
Trojan		
Worm		
Adware/Spyware		
Key Logger		
Botnets		
Scareware/ransomware		