



TERM 1	TERM 2	TERM 3	TERM 4
<p>Cyber Safety & Security – 2 weeks This unit will focus on day to day threats associated with the use of computers or other web-enabled devices in a networked environment such as the Internet.</p> <ul style="list-style-type: none"> • Recognising the dangers of sharing personal information and what you can do to protect your identity. • Recognise symbols used to communicate or represent ideas. • Positive online communication and cyber-bullying • Introduction to network security and how to protect your personal data over wireless networks • Introduction to malware, how to avoid malware, and how to detect and remove malware. <p>Computer Hardware & Software– 4 weeks Students will learn about the components of a computer, operating systems and how they work together.</p> <ul style="list-style-type: none"> • Hardware components (internal and peripheral) 			

- Operating Systems (Microsoft Windows & Linux) and device drivers
- Formatting HDD's and installing operating systems
- Troubleshooting

Computer Networks– 3 weeks

Students will learn about networks, cloud computing and online collaboration.

- Components of a computer network
- Advantages/Disadvantages
- Types of networks

Cloud Computing– 5 weeks

(Students are required to create a Google account**)**

This unit introduces students to cloud computing and the advantages of using cloud computing services such as Google's suite of products

- What is Cloud Computing?
- Introduction to the Google Suite (eg Google Docs, Maps etc)
- Setting up a Gmail account (Google email)
- How to use email
- Creating your own Google map
- Using the Google calendar
- Creating online surveys
- File collaboration
- Online storage (benefits, advantages/disadvantages)

Microsoft Access – 2 weeks

This unit will give students a brief introduction to databases

- What is a database?
- Introduction to creating a database
- Introduction to Entity-Relationship diagrams

Web Design – 2 weeks

Students will learn the basics of the Hypertext Markup Language (HTML) and create simple web pages.

