Year: 9
Subject: Computing

Term	Week	Focus	Summary	Learning Outcomes	Learning skills
Term 1.1	1	Computing Induction	Rules, Expectations and Systems	To understand the rules and expectations while in the computer lab. Ability to log on, set up and use systems needed this academic year.	**Collaboration** and working in a team
	2	Understanding Computers	Elements of a Computer	Compare and contrast input with output devices & hardware with software	**META-THINKING**-*Strategy planning* Analysing
	3		The CPU	Explore the components of the CPU and the fetch execute cycle	**META-THINKING**-*Strategy planning*
	4		ROM and RAM	Describing and debating the uses of ROM and RAM	**AGILE-** *Enquiring* Research skills
	5		Storage devices	Exploring a variety of storage devices and their appropriate use	**ANALYSING**-*Precision* Collaboration
	6		Operating System	Understand the roles of an operating system	**META THINKING –** *Metacognition* Research skill
	7		Assessment and DIRT		

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Term 1.2	1	Database Development	Introduction to Databases	Explain the roles of a database, its components and various structures	**AGILE-** *Open minded* Research
	2		Creating a Database table	Exploring keys and creating databases tables	**CREATING**-*Flexible thinking*
	3		Queries	Explore the roles of queries within databases	**AGILE**- *Risk-taking* Critical Thinking
	4		Input Forms	Demonstrate how to create a use forms for data entry	**CREATING**- *Intellectual playfulness*
	5		Creating a report	Ability to retrieve and present information from a database in a meaningful way	**Linking**-Seeing alternative perspective
	6		Finishing and Testing	Testing your database and collating feedback	**Analysing** Critical Thinking Collaboration
	7		Assessment DIRT	Project feedback and DIRT	