

Subject: Computing Year 7

Learning Block 1

KNOWLEDGE	Introduction to Computer Systems.
SKILLS	<ul style="list-style-type: none"> • Hardware and Software. • Input and output devices. • Storage and Computer Memory. • Networks – LAN and WANs. • Parts of a Computer Network. • Staying safe when using Computer Systems. • Threats to Computer Systems.
ASSESSMENT	Work assessed in Student EBooks. Online assessment and In class test.

Learning Block 2

KNOWLEDGE	Introduction to spreadsheet modelling.
SKILLS	<ul style="list-style-type: none"> • How organisations use spreadsheets. • Spreadsheet formatting. • Using simple and advanced formulas. • Creating and editing charts using spreadsheet models. • Conditional formatting using spreadsheets.
ASSESSMENT	Online assessment and In class test.

Learning Block 3

KNOWLEDGE	Introduction to databases and how organisations use them.
SKILLS	<ul style="list-style-type: none"> • Data entry forms. • Querying a database to search for records. • Creating and editing database reports. • Database project focusing on endangered animals.
ASSESSMENT	Mini database project. In class test.

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Learning Block 4

KNOWLEDGE	Introduction to Scratch programming.
SKILLS	<ul style="list-style-type: none"> • Scratch programming shapes and simple commands. • Scratch game / app making project - involves simple and advanced game creation. • Introduction to BBC Microbit. • BBC Microbit projects. • Introduction to multimedia. • Multimedia slideshow / movie creation. • Movie maker project.
ASSESSMENT	Students Scratch games / app portfolio will be assessed. In class test on multimedia unit.