

	Learning Cycle 1	Learning Cycle 2	Learning Cycle 3
Year 7	<p>Assessment: Labelling activity, Fill in gaps, Copyright worksheet</p> <p>Assessment: Presentation "About Me"</p> <p>Key Question(s): What are the different parts of a computer? What are the various issues with computer use – What is copyright? What is cyberbullying? How can you stay safe online?</p> <p>I will learn how to...stay safe online and how to ask for help if I need it</p> <p>Key Question: How do you create a multimedia presentation? I will learn how to... create a series of slides with relevant content & use basic functions to improve the presentation and delivery</p> <p>Assessment: Project – creating polygons using Logo</p> <p>Assessment: Project – creating Pacman game using Scratch</p> <p>Assessment – this unit will be assessed in the following cycle.</p> <p>Key Question: What is command based programming? I will learn how to... create a program using commands in MSW Logo</p> <p>Key Question: What is script programming? I will learn how to... create a program using commands in Scratch</p>	<p>On carousel</p>	

	<p>Key Question: What is DTP? How are digital graphics used in the media? How can images be manipulated?</p> <p>Assessment: Project – creating a Magazine cover</p> <p>Assessment: Project – Create an E-safety movie</p> <p>Assessment: Project – Create a spreadsheet model</p> <p>Key Question: What effects can be used on images? What software can be used? How should you create a professional magazine cover?</p> <p>Key Question: What are the dangers of the internet? I will learn how to... identify various dangers and devise a list of tips when using the internet</p> <p>Key Question: What can a spreadsheet be used for? Who uses spreadsheets? I will learn how to... Use Excel; format data, create basic formulas & functions & graphs/charts</p>		
Year 8	Learning Cycle 1	Learning Cycle 2	Learning Cycle 3
	<p>Assessment: Create animation using motion tweens.</p> <p>Assessment: Developing a spreadsheet model</p> <p>Assessment: Creating/Developing programs in MSW logo</p> <p>Key Question(s): What is the definition of animation? Describe the various types of animation. I will learn how to...Create a basic animation & use motion tweens</p> <p>Key Question: How can excel be used to create a spreadsheet model? I will learn how to...use basic functions and formulas to</p>	<p>Assessment: Developing a database model</p> <p>Assessment: Create a CD cover</p> <p>Key Question: How can data be organised electronically? What is a database? Who typically uses a database? How can data be sorted & how can you perform a simple query?</p> <p>Key Question: What is Desk Top Publishing? How are digital graphics used in for a variety of purposes? How can images be manipulated to</p>	<p>Assessment: Project – creating a webpages using html coding</p> <p>Assessment: Project – creating Pong game using Scratch</p> <p>Key Question: What languages are used in computer programming? What does HTML mean? What are tags?</p> <p>Key Question: What is script programming? I will learn how to... create a program using commands in Scratch</p>

	<p>develop a model.</p> <p>Key Question: How is looping and repeats used in programming? I will learn how to...create basic programs in MSW Logo</p>	<p>develop a product?</p>	
	<p>Learning Cycle 1</p>	<p>Learning Cycle 2</p>	<p>Learning Cycle 2</p>
<p>Year 9</p>	<p>Assessment: Python project</p> <p>Assessment: Spreadsheet model</p> <p>Assessment: Labelling activity, Fill in gaps, The Computer worksheet</p> <p>Key Question(s): What is Python programming? What is coding, what are variables? What is interactive programming? I will learn how to... create an interactive program using commands in Python</p> <p>Key Question: What are complex formulas? How can formatting be used to improve a spreadsheet?</p> <p>I will learn how to... use complex formulas, macros and advanced formatting skills</p> <p>Key Question(s): What are the different parts of a computer? Inputs, outputs & processing? I will learn how to... identify different parts of a computer.</p>	<p>Assessment: Website project</p> <p>Assessment Database project</p> <p>Key Question: What is html? What are multi-page websites? How can tags be used to develop a website?</p> <p>I will learn how to... use develop multipage websites and edit colour and fonts to change the presentation of a webpage</p> <p>Key Question: How can data be organised electronically? What is a database? What are complex database queries & functions? How are they performed?</p> <p>I will learn how to... use complex queries and functions. Create & design form templates and reports for a specific purpose</p>	<p>Assessment: Project – creating a CD cover</p> <p>Assessment: Developing Python programme</p> <p>Assessment: Business research presentation/report</p> <p>Key Question: What effects can be used on images? What software can be used? How should you create a professional magazine cover?</p> <p>Key Question: What are the pros and cons of the internet? I will learn how the internet is viewed in both positive and negative areas.</p> <p>Key Question: How can programs be developed in Python? I will learn how to... create an interactive program using advanced commands in Python</p> <p>Key Question: How do Businesses decide on their location and Marketing Mix I will learn how to research a Business and understand the basic principles of 4ps (Product, Price, Promotion, Place) and apply this in context to a Business in Crystal Palace.</p>