



St Gregory's Catholic Middle School

Long Term Lesson Plan

Year 5	Autumn 1 - Assessment focus Digital Literacy/IT	Autumn 2 - Assessment focus IT
	<p>(Title of unit) – 7 weeks</p> <p>E Safety – My Guidance Poster</p> <ul style="list-style-type: none"> ▪ Introduction to computing/protocols and conduct expectations ▪ File management ▪ Basic online safety <p>(Progression pathway foci)</p> <p>Recognition of what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>(Title of unit) – 7 weeks</p> <p>Office (basics and more...)</p> <ul style="list-style-type: none"> ▪ Review and refine use of Email (outlook) ▪ Excel – understanding basic spreadsheets and formulae <p>(Progression pathway foci)</p> <p>Collects, organises and presents data and information in digital content.</p> <p>Recognises different types of data: text, number and that data can be structured in tables to make it useful.</p> <p>Uses technology with increasing independence to purposefully organise digital content.</p>
	Spring 1 - Assessment focus Computer Science	Spring 2 - Assessment focus Digital Literacy/IT
	<p>(Title of unit) – 6 weeks</p> <p>Algorithms (as instructions) and an introduction to coding</p> <ul style="list-style-type: none"> ▪ Producing algorithms and pseudo code to create a set of instructions ▪ Programming a coding (robot) – Pro-bot <p>(Progression pathway foci)</p> <p>Uses arithmetic operators, if statements, and loops, within programs.</p> <p>Designs simple algorithms that use repetition and two-way selection i.e. if, then and else.</p>	<p>(Title of unit) – 6 weeks</p> <p>Safe searching – The Easter Story</p> <ul style="list-style-type: none"> ▪ Locating and researching on the internet to produce a cultural presentation ▪ Exploring creation tools in PowerPoint to produce an effective, but simple presentation <p>(Progression pathway foci)</p> <p>Use filters and perform single criteria searches for information.</p> <p>Shows an awareness of and can use a range of internet services and considers the quality of digital content collected.</p>
	Summer 1 - Assessment focus Computer Science	Summer 2 - Assessment focus Digital Literacy/IT
	<p>(Title of unit) – 6 weeks</p> <p>Algorithms and Coding (Cont./...)</p> <ul style="list-style-type: none"> ▪ Basic use of flow diagrams ▪ Logo for design creation and the basics of shapes <p>(Progression pathway foci)</p> <p>Creates programs that implement algorithms to achieve given goals.</p> <p>Detects and corrects simple errors i.e. debugging, in programs.</p>	<p>(Title of unit) – 7 weeks</p> <p>My EBook – “There’s a ...” My story of isolation, bravery and gradual acceptance (linked to LS Literacy unit)</p> <ul style="list-style-type: none"> ▪ Create a multimedia story book compatible with android or IOS devices ▪ Combine the use of online digital media, other hardware and technology <p>(Progression pathway foci)</p> <p>Creates digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience.</p> <p>Uses a variety of software to manipulate and present digital content: data and information.</p>