



St Gregory's Catholic Middle School

Long Term Lesson Plan

Year 8	Autumn 1 - Assessment focus Digital Literacy/IT	Autumn 2 - Assessment focus Digital Literacy/IT
	<p>(Title of unit) – 7 weeks</p> <p>E Safety and Cyberbullying</p> <ul style="list-style-type: none"> ▪ To evaluate social networking sites from different perspectives ▪ To perform safe research and collate information on the positives and potential risks. ▪ Identify what cyberbullying is and how it impacts on life ▪ Produce an animated short (scratch/movie maker) campaign <p>(Progression pathway foci)</p> <p>Recognises ethical issues surrounding the application of information technology beyond school.</p> <p>Uses technologies and online services securely, and knows how to identify and report inappropriate conduct.</p>	<p>(Title of unit) – 7 weeks</p> <p>Computing in the wider context and the impact on Society (moral and legal)</p> <ul style="list-style-type: none"> ▪ Understanding copyright, the law and ethical choices ▪ Understanding how data collected and used ▪ Safe and refined searching (Boolean Operators) <p>(Progression pathway foci)</p> <p>Identifies and explains how the use of technology can impact on society.</p> <p>Evaluates the trustworthiness of digital information and uses a range of operators and expressions e.g. Boolean, and applies them in the context of search control.</p> <p>Understands how search engines rank search results.</p> <p>Identifies and explains how the use of technology can impact on society.</p>
	Spring 1 - Assessment focus IT/Computer Science	Spring 2 - Assessment focus IT
	<p>(Title of unit) – 6 weeks</p> <p>Advertising – My Audacity Sound Project and billboard poster</p> <ul style="list-style-type: none"> ▪ Developing product and manipulating images in a software programme ▪ Constructing, recording and manipulating sound files for effect ▪ Evaluating through self-reflection <p>(Progression pathway foci)</p> <p>Justifies the choice of and independently combines and uses multiple digital devices, internet services and application software to achieve given goals.</p> <p>Evaluates the trustworthiness of digital content and usability.</p> <p>Designs criteria for users to evaluate, uses the feedback from the users to identify improvements and can make appropriate refinements to the solution.</p>	<p>(Title of unit) – 5 weeks</p> <p>Spreadsheets and Modelling – Theme Parks</p> <ul style="list-style-type: none"> ▪ To create and process spreadsheet data using formulae linking to a ‘real world’ context ▪ Identify variables and understand the impact of change ▪ To collate data from research and process to create an appropriate graphical representation <p>(Progression pathway foci)</p> <p>Queries data on one table using a typical query language.</p> <p>Designs criteria to critically evaluate the quality of solutions, uses the criteria to identify improvements and can make appropriate refinements to the solution</p>
	Summer 1 – Assessment focus IT/Computer Science	Summer 2 – Assessment focus Digital Literacy/IT /Computer Science
	<p>Mythbusters – My static web page</p> <ul style="list-style-type: none"> ▪ To conduct online research using safe and filtered searching ▪ Create a personalised web page design in HTML (Hyper Text Markup Language) and CSS (Cascading Style Sheets) ▪ To use and apply coding and debugging principles <p>(Progression pathway foci)</p> <p>Understands how search engines rank search results.</p> <p>Understands how to construct static web pages using HTML and CSS.</p> <p>Evaluates the trustworthiness of digital content and considers the usability of visual design features when designing and creating digital artefacts for a known audience.</p>	<p>(Title of unit) – 7 weeks (Assessment 2)</p> <p>Digital Footprints – Leaving behind and Moving on – Museum Box</p> <ul style="list-style-type: none"> ▪ To recognise that every computer action leaves a lasting footprint ▪ To combine and upload digital photography with varied software packages ▪ To create a presentation of ‘My St. Gregory’s Journey’ using a three dimensional presentation software <p>(Progression pathway foci)</p> <p>Recognises ethical issues surrounding the application of IT beyond school.</p> <p>Justifies the choice of and independently combines and uses multiple digital devices, internet services and application software to achieve given goals.</p> <p>Evaluates the trustworthiness of digital content and considers the usability of visual design features when designing and creating digital artefacts for a known audience.</p> <p>Designs criteria for users to evaluate the quality of solutions, uses the feedback from the users to identify improvements and can make appropriate refinements to the solution.</p>