



'Subject' Curriculum Plan Overview

Year 9			
Term	Topic	Learning	How can parents' best support
Autumn 1	IT and the Law	E-Safety Digital Footprint Design and Patents Act Computer Misuse Act Data Protection Act Workplace Safety	Help your child choose correct settings such as friends only on facebook and ghost mode on Snapchat. Look at social networking sites and discuss what is acceptable to share and what is not. Talk to your child about internet use, especially things they may access via their phone. Be aware of which apps they are using as many share location. Discuss how the various acts / laws affect you in your employment or when dealing with organisations such as banks and doctors. Discuss what information is private and should not be shared. Ensure your child knows the difference between private and public.
Assessment:			
Autumn 2	Website Design	Research a subject. Collect components. Copyright Understanding Planning Layouts Key tools and formatting Banners / Roll overs / links	Look at websites with your child and discuss the various aspects that make it visually appealing, easy to navigate and the usefulness of the site. Poor points... what could be improved? What makes a website good?
Assessment:			
Spring 1	Animation	Terminology Refresher Editing and sprites Layers Tweening & Frame by Frame Adding sound File types	If you have access to the internet via laptop or desktop, download the 'free' version of Hippani animation software. Using the video tutorials, you and your child could explore the basic skills required to create animations.
Assessment:			
Spring 2	App/Game Design	Design your own sprites. Planning and designing a App /Game. Create an App/Game.	Search on APP stores and discuss with your child the various APPs that are available. Which ones are useful? Which ones are designed to extract money from you? What makes a good APP?
Assessment:			
Summer 1	Programming Languages	Background and brief history of programming languages. Programming languages comparison Introduction to Python Writing Python code Text input and output Variables	There are a number of coding websites that students can access via home if they have access to the internet. Hour of Code – visually appealing – most activities use block coding which your child would have used before. All abilities catered for. Khan Academy – More complex – useful for competent readers. Code Academy – Starts easy but instructions can be a little confusing. It won't let you go on until you have got each level correct which can be frustrating. Various coding languages are available to learn. Code Combat (This one needs a subscription payment after the 1st level but the first level is a good introduction to coding.)
Assessment:			
Summer 2	Python in more depth	If statements For loops While loop Functions Lists	As above

