

Long Term Plan: Year 7

Term 1	W/B 10/09	W/B 17/09	W/B 24/09	W/B 01/10	W/B 08/10	W/B 15/10	W/B 29/10	W/B 05/11	W/B 12/11	W/B 19/11
	E Safety	E Safety	E Safety	E Safety	E Safety	E Safety	Wordprocessing	Wordprocessing	Spreadsheets	Spreadsheets
	Lesson 1 Importance of file management skills and the impact they will have on their work.	Lesson 2 How to be safe on the internet with knowledge of E-Safety	Lesson 3 How to be safe using social networks to prevent any possible risks of opportunities of radicalisations online	Lesson 4 Using email in the correct business manner. Using the correct skills required to search the internet	End of topic test on e-safety - GCSE ICT exam based scenario questions.	Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong			Lesson 1 Using Spreadsheets to work out simple problems.	Lesson 2 Explore the different formulas and formatting techniques using Excel
Term 2	W/B 31/12	W/B 07/01	W/B 14/01	W/B 21/01	W/B 28/01	W/B 04/02	W/B 11/02	W/B 25/02	W/B 04/03	W/B 11/03
	Moviemaker	Moviemaker	Moviemaker	Moviemaker	Moviemaker	Moviemaker	Hardware Software Network	Hardware Software Network	Hardware Software Network	Hardware Software Network
	Lesson 1 Creating a movie using MovieMaker, this will include sound, images, titles, credits	Lesson 2 Planning documents to assist the production cycle through moodboards, storyboards, collecting, editing/creating digital assests.	Lesson 3 Create a short movie showcasing the production cycle through print screens and annotations to evidence production.	Lesson 4 Testing – evidence to ensure that the features within the movie operate as they should. Provide/obtain feedback and make appropriate changes as well as evaluating the final product.	Exam • End of topic test on copyright and suitability of file types - GCSE ICT exam based scenario questions.	Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong	Lesson 1 Demonstrate understanding of what kinds of devices can be considered computers	Lesson 2 Explain the difference between hardware and software	Lesson 3 Understand and evaluate what several input and output devices do	Lesson 4 Networks – LAN/WAN
Term 3	W/B 29/04	W/B 06/05	W/B 13/05	W/B 20/05	W/B 03/06	W/B 10/06	W/B 17/06	W/B 24/06	W/B 01/07	W/B 08/07
	Photoshop	Photoshop	Photoshop	Photoshop	Photoshop	Photoshop	Microbit	Microbit	Microbit	Microbit
	Lesson 1 Manipulating images using PhotoShop for various products.	Lesson 2 Using advanced features within the software to further develop the images to meet a set criteria.	Lesson 3 The importance of referencing and sourcing all images and text	Lesson 4 Exploring the creation of GIFs, JPEGs and PNG's and their uses in websites.	Exam Questions based upon software applications which will be demonstrated through screenshots and annotations to demo practical skills.	Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong	Lesson 1 Create and debug simple programs	Lesson 2 Write programs to do specific things	Lesson 3 Program in more than one programming language – using Microbit website	Exam End of topic test. Questions on sequence, selection and iteration, programming languages, algorithms and flowcharts

Long Term Plan: Year 8

Term 1	W/B 10/09	W/B 17/09	W/B 24/09	W/B 01/10	W/B 08/10	W/B 15/10	W/B 29/10	W/B 05/11	W/B 12/11	W/B 19/11
	E Safety	E Safety	E Safety	E Safety	E Safety	E Safety	Python	Python	Python	Python
	Lesson 1 How to deal with possible situations online and who to contact if these were to occur	Lesson 2 How to be safe using social networks to prevent any possible risks of opportunities of radicalisation online.	Lesson 3 Using the correct skills required to search the internet with the effective use of BOOLEAN	Lesson 4 Using email in the correct business manner with the deeper understanding of CC and BCC Why do business use mail merge and what are the benefits?	Exam End of topic test on copyright and suitability of file types - GCSE ICT exam based scenario questions.	Followed by PLC Lesson where students re-visit the questions which they got wrong	Lesson 1 Sequence, selection and iteration. Use of arrays. Use of procedures and functions. File handling. Relational operators.	Lesson 2 Sequence, selection and iteration. Use of arrays. Use of procedures and functions. File handling. Relational operators.	Lesson 3 Sequence, selection and iteration. Use of arrays. Use of procedures and functions. File handling. Relational operators.	Lesson 4 Sequence, selection and iteration. Use of arrays. Use of procedures and functions. File handling. Relational operators.
Term 2	W/B 31/12	W/B 07/01	W/B 14/01	W/B 21/01	W/B 28/01	W/B 04/02	W/B 11/02	W/B 25/02	W/B 04/03	W/B 11/03
	Dreamweaver	Dreamweaver	Dreamweaver	Dreamweaver	Dreamweaver	Dreamweaver	Databases	Databases	Databases	Databases
	Lesson 1 Planning documents to assist the production cycle through site plan and page designs (storyboards).	Lesson 2 Create a website using Dreamweaver.	Lesson 3 Create a website showcasing the production cycle through print screens and annotations to evidence production and annotating the code (higher level).	Lesson 4 Testing – evidence to ensure that the features and navigation within the website work as they should. Provide/obtain feedback and make appropriate changes as well as evaluating the final product.	Exam Questions based upon software applications which will be demonstrated through screenshots and annotations to demo practical skills.	Followed by PLC Lesson where students re-visit the questions which they got wrong	Lesson 1 Understanding of what databases are and why they are useful - what a flat file and multiple table database is.	Lesson 2 Explaining what a DBMS is and why they are useful and explain database maintenance.	Lesson 3 Define the database and data key terms and understand the difference between data and information.	Lesson 4 Explain define data validation and know why it is important
Term 3	W/B 29/04	W/B 06/05	W/B 13/05	W/B 20/05	W/B 03/06	W/B 10/06	W/B 17/06	W/B 24/06	W/B 01/07	W/B 08/07
	Flash / Photoshop	Flash / Photoshop	Flash / Photoshop	Flash / Photoshop	Spreadsheet	Spreadsheet	Spreadsheet	Spreadsheet	Spreadsheet	Spreadsheet
	Lesson 1 Creating an animation using Flash Planning documents to assist the production cycle through moodboards, storyboards, collecting, editing/creating digital assets.	Lesson 2 Create a short animation showcasing the production cycle through print screens and annotations to evidence production.	Lesson 3 Testing – evidence to ensure that the animation operates as stated.	Lesson 4 Provide/obtain feedback and make appropriate changes as well as evaluating the final product.	Lesson 1 Using Spreadsheets to work out advanced problems with the use of functions and VLookup. Creating graphs and charts for a specific audience	Lesson 2 Using Spreadsheets to work out advanced problems with the use of functions and VLookup. Creating graphs and charts for a specific audience	Lesson 3 Using Spreadsheets to work out advanced problems with the use of functions and VLookup. Creating graphs and charts for a specific audience	Lesson 4 Using Spreadsheets to work out advanced problems with the use of functions and VLookup. Creating graphs and charts for a specific audience	Lesson 5 Using Spreadsheets to work out advanced problems with the use of functions and VLookup. Creating graphs and charts for a specific audience	Exam • Questions based upon software applications which will be demonstrated through screenshots and annotations to demo practical skills.

W/B 26/11	W/B 03/12	W/B 10/12	W/B 17/12
Spreadsheets	Spreadsheets	Spreadsheets	Spreadsheets
Lesson 3 Utilise Word and create the required documentation with the correct use of SPAG checking features already built in.	Lesson 4 Creating an interactive media product using PowerPoint, this will include sound, images and videos.	Exam Questions based upon software applications which will be demonstrated through screenshots and annotations to demo practical skills.	Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong
W/B 18/03	W/B 25/03	W/B 01/04	W/B 08/04
Hardware Software Network	Hardware Software Network	Hardware Software Network	Hardware Software Network
Lesson 5 Topologies	Lesson 6 Network hardware	Exam End of topic test – GCSE Computing based questions on sequence, selection and iteration, programming languages, algorithms and flowcharts	Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong
W/B 15/07			
Microbit			
Feedforward Followed by PLC Lesson where students re-visit the questions which they got wrong			

W/B 26/11	W/B 03/12	W/B 10/12	W/B 17/12
HTML / CSS	HTML / CSS	HTML / CSS	HTML / CSS
1. html page layout. Common tags <body> <head> <html> <h1> 	2. Images attributes; bgcolor; html color names	3. Lists 	embedding code snippet
W/B 18/03	W/B 25/03	W/B 01/04	W/B 08/04
Databases	Databases	Databases	Databases
Lesson 5 Creating a database, table, queries and reports using both MSAccess and MySQL.	Lesson 6 Selecting the appropriate data types for fields when creating a database table and sort and filter data in a database,	Exam Questions based upon database applications from GCSE Computing Practical assessment of skills	Followed by PLC Lesson where students re-visit the questions which they got wrong
W/B 15/07			
Spreadsheet			
Followed by PLC Lesson where students re-visit the questions which they got wrong			