



# APHS CURRICULUM AND ASSESSMENT PLAN

Computer Science 2021-22

Author  
Position  
Email address



## Year 7 – Assessment Plan

Term	Unit	Topics	Dates
Autumn 1	1. Intro to APHS 2. e-Safety	1.intro to using computers at aphs. 2. learn how to deal with e-safety issues including sharing, social media and data	w/b Mon 6 <sup>th</sup> Sept 2021 – Wed 20 <sup>th</sup> Oct 2021
Assessment 1 Submission			Oct 2021
Assessment 1 Feedback			Nov 2021
Autumn 2	3. Understanding computers	Parts of a computer, input, output and storage	w/b Mon 1 <sup>st</sup> Nov 2021 – Thurs 16 <sup>th</sup> Dec 2021
Assessment 2 Submission			Dec 2021
Assessment 2 Feedback			Jan 2022
Spring 1	Flowcharts and computational thinking  Introduction to spreadsheets	Decomposition of a problem, using Flowcharts  basics of using spreadsheets, cells, column and simple formulae	w/b Tue 4 <sup>th</sup> Jan 2022 – Fri 11 <sup>th</sup> Feb 2022
Assessment 3 Submission flowcharts			Feb 2022
Assessment 3 Feedback flowcharts			Feb 2022
Spring 2	Introduction to spreadsheets  Introduction to programming Scratch	developing basic spreadsheet skills , formulae, formatting and cell referencing learning to block program with scratch - basic programming theory and terminology	w/b Mon 21 <sup>st</sup> Feb 2022 – Fri 1 <sup>st</sup> Apr 2022
Assessment 4 Submission Spreadsheets and Scratch			Apr 2022
Assessment 4 Feedback			Mar 2022
Summer 1	Esafety - the Movie	exploration of more wide ranging e-safety issues - creating and editing film on esafety principles introduction to using Audacity and Movie Maker	w/b Tue 19 <sup>th</sup> Apr 2022 – Fri 27 <sup>th</sup> May 2022
Assessment 5 Submission			May 2022
Assessment 5 Feedback			May/June 2022
Summer 2	Digital literacy - HTML and creating websites	Understanding html, introduction to basic phot editing and preparing and creating websites in a wysiwyg website software. Hyperlinking	w/b Mon 6 <sup>th</sup> Jun 2022 – Fri 22 <sup>nd</sup> July 2022



Assessment 6 Submission	July 2022
Assessment 6 Feedback	July 2022



## Year 8 – Assessment Plan

Term	Unit	Topics	Dates
Autumn 1	Networks	How computers connect to the each other and the Internet. Topology and advantages and disadvantages	w/b Mon 6 <sup>th</sup> Sept 2021 – Wed 20 <sup>th</sup> Oct 2021
Assessment 1 Submission			Oct 2021
Assessment 1 Feedback			Oct/Nov 2021
Autumn 2	Scratch programming principles part 2	Using scratch - programming principles type of loops for and while, iteration and understanding code	w/b Mon 1 <sup>st</sup> Nov 2021 – Thurs 16 <sup>th</sup> Dec 2021
Assessment 2 Submission			Dec 2021
Assessment 2 Feedback			Jan 2022
Spring 1	Esafety and the law  Applied spreadsheets	Esafety issues and the law - share aware sexualised content, social media. Follow on from year 7 spreadsheets more use of spreadsheet features and more complex formulae. use in familiar and unfamiliar situations	w/b Tue 4 <sup>th</sup> Jan 2022 – Fri 11 <sup>th</sup> Feb 2022
Assessment 3 Submission			Feb 2022
Assessment 3 Feedback			Feb 2022
Spring 2	Applied spreadsheets (continued) Creating a website	as above  More detailed analysis of creating a website. WYSIWUG - travel and tourism theme - development of skills learn in year 7. Publishing websites	w/b Mon 21 <sup>st</sup> Feb 2022 – Fri 1 <sup>st</sup> Apr 2022
Assessment 4 Submission			Mar 2022
Assessment 4 Feedback			Mar/April 2022
Summer 1	e- safety  Binary text and hex	Whats your brand - look at digital footBinary print and online presence.	w/b Tue 19 <sup>th</sup> Apr 2022 – Fri 27 <sup>th</sup> May 2022
Assessment 5 Submission			Website Apr/May 2022 E- Safety May 2022
Assessment 5 Feedback			Website Apr/May 2022



			E- Safety May 2022
Summer 2	Binary recap  Sound	binary recap, addition, significant bits, ascii and unicode, intro to Hexidecimal Recording and editing sound to produce and audio book, adding effects/filters using multiple tracks editing and exporting	w/b Mon 6 <sup>th</sup> Jun 2022 – Fri 22 <sup>nd</sup> July 2022
Assessment 6 Submission			July 2022
Assessment 6 Feedback			July 2022



## Year 9 – Assessment Plan

Term	Unit	Topics	Dates
Autumn 1	There an app for that	Programming techniques - using app inventor to create a mobile application. Debugging solving issues with code. Project - rolls over into autumn2	w/b Mon 6 <sup>th</sup> Sept 2021 – Wed 20 <sup>th</sup> Oct 2021
Assessment 1 Submission			Nov 2021
Assessment 1 Feedback			Nov 2021
Autumn 2	recording and editing sound (project moved due to lockdown)	Recording and editing sound to produce and audio book, adding effects/filters using multiple tracks editing and exporting	w/b Mon 1 <sup>st</sup> Nov 2021 – Thurs 16 <sup>th</sup> Dec 2021
Assessment 2 Submission			Jan 2022
Assessment 2 Feedback			Jan 2022
Spring 1	Esafety	looking at using esafety to keep safe, money aware, viruses, malware. apply knowledge to produce multimedia presentation	w/b Tue 4 <sup>th</sup> Jan 2022 – Fri 11 <sup>th</sup> Feb 2022
Assessment 3 Submission			Feb 2022
Assessment 3 Feedback			Feb 2022
Spring 2	Vector and bitmap editing	cloning, perspective large range of bitmap and editing skills applied over the theme of graphics for a theme park	w/b Mon 21 <sup>st</sup> Feb 2022 – Fri 1 <sup>st</sup> Apr 2022
Assessment 4 Submission			Apr 2022
Assessment 4 Feedback			Apr 2022
Summer 1	Pre production docss	Creating skills and using IT to help understand the needs of projects pre production documentation for future work and learning	w/b Tue 19 <sup>th</sup> Apr 2022 – Fri 27 <sup>th</sup> May 2022
Assessment 5 Submission			May 2022
Assessment 5 Feedback			June 2022
Summer 2	IT and world of work Continued Cybersecurity	as above  You and your data, social engineering, cyber threats	w/b Mon 6 <sup>th</sup> Jun 2022 – Fri 22 <sup>nd</sup> July 2022
Assessment 6 Submission			July 2022
Assessment 6 Feedback			July 2022



## Year 10 – Assessment Plan

Term	Unit	Topics	Dates
Autumn 1	RO 81 - pre production documents		w/b Mon 6 <sup>th</sup> Sept 2021 – Wed 20 <sup>th</sup> Oct 2021
Assessment 1 Submission workbooks 1 and 2			WE 20th OCT
Assessment 1 Feedback			WE 8th Nov
Autumn 2	RO 81 - pre production documents		w/b Mon 1 <sup>st</sup> Nov 2021 – Thurs 16 <sup>th</sup> Dec 2021
Assessment 2 Submission Mock exam			Wed 1st Dec
Assessment 2 Feedback Mock exam			Wed 7th Dec
Spring 1	RO 81 - pre production documents (exam) RO 82 Graphic documents	Preparation and revision for examination Jan (10th)  Vector skills - development and work in more depth from KS3 of producing vector drawings	w/b Tue 4 <sup>th</sup> Jan 2022 – Fri 11 <sup>th</sup> Feb 2022
Assessment 3 Ro81 exam			10th Jan pm
Assessment 3 results TBC			TBC
Spring 2	RO82	Use of Graphic tablets - photo editing skills, cloning perspective, cut out use of lighting and filters	w/b Mon 21 <sup>st</sup> Feb 2022 – Fri 1 <sup>st</sup> Apr 2022
Assessment 4 Vector practice tasks			WE Fri 11th Feb
Assessment 4 Vector practice Feedback			WE fri 28th Feb
Assessment 5 Bitmap Practice tasks			WE fri 18th Mar
			We 25th Mar
Summer 1	Ro82	Start of coursework task 25th Mar	w/b Tue 19 <sup>th</sup> Apr 2022 – Fri 27 <sup>th</sup> May 2022
Assessment 5 Submission			WE 24th June
Assessment 5 Feedback			WE 8th July
Summer 2	Ro 82  Ro 85	coursework completion and submission Introduction to multimedia documents - website creation	w/b Mon 6 <sup>th</sup> Jun 2022 – Fri 22 <sup>nd</sup> July 2022
Ro 85 start of unit			WB 11 July





## Year 11 – Assessment Plan

Term	Unit	Topics	Dates
Autumn 1	Ro 85	Editing and preparing resources for multimedia projects. Intro to controlled assessment task	w/b Mon 6 <sup>th</sup> Sept 2021 – Wed 20 <sup>th</sup> Oct 2021
Assessment 1 skills development			Wed 20 <sup>th</sup> Oct
Assessment 1 Feedback			5 <sup>th</sup> Nov
Autumn 2	Ro85	Coursework task start 5 <sup>th</sup> Nov	w/b Mon 1 <sup>st</sup> Nov 2021 – Thurs 16 <sup>th</sup> Dec 2021
Coursework submission initial R085			Jan 28 <sup>th</sup>
Course work Feedback initial R085			2 <sup>nd</sup> Feb
Spring 1	Ro 85	Coursework task completion initial Coursework Task - update improve following feedback. Ro 90 skills	w/b Tue 4 <sup>th</sup> Jan 2022 – Fri 11 <sup>th</sup> Feb 2022
Coursework submission final			Feb 28 <sup>th</sup>
Coursework submission feedback TBC			TBC by exam board
Spring 2	Ro 90	Digital photography skills and theory	w/b Mon 21 <sup>st</sup> Feb 2022 – Fri 1 <sup>st</sup> Apr 2022
Assessment 4 Photos			Fri 1 <sup>st</sup> April
Assessment 4 Coursework			30 <sup>th</sup> April
Summer 1		Digital photography - update respond to feedback	w/b Tue 19 <sup>th</sup> Apr 2022 – Fri 27 <sup>th</sup> May 2022
Assessment 5 RO 90 final (all work)			30 <sup>th</sup> April
Assessment 5 Feedback - Results			August 2022
Summer 2			w/b Mon 6 <sup>th</sup> Jun 2022 – Fri 22 <sup>nd</sup> July 2022
Assessment 6 Submission			
Assessment 6 Feedback			