Curriculum Overview

Autumn

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17
Year 7	DL - General Organisation - File mgt, passwords, email, VLE, GoogleDocs, Homework / DL - Office Documents & The Cloud		DL - Searching the Web & Internet and Web Browsers - Local Heritage Webquest	Baseline Assessment - ICT & Computing	DCT - Matrix1 5.5 -5.6 Introduction to E-Safety - booklet		DC - Photoshop Magic Wand & Polygonal Tools		C - PC Basics - where we use computers & why, what makes a computer, Input & output devices. Key computer components and their jobs. What is software. What is the internet & the WWW and how does it work?					DC- Creative Task e.g. Frame by Frame Animation			
Year 8	DL - General Organisation - File mgt, passwords, email, VLE, GoogleDocs, Homework		C - Matrix1 3.1, 5.1- 5.4 Advanced search, how the Internet works and security	Baseline Assessment - ICT & Computing	C - Matrix1 3.1, 5.1- 5.4 Advanced search, how the Internet works and security		DC - Photoshop - Pop Art tutorial		DCT - Matrix1 5.5 -5.6 E-Safety - Trolling & Sexting		DL - Data Handling - creating & setting up a database. Gathering data.		DL - Data Handling - entering data into own database. Queries & Searches		DC- Creative Task - e.g. Photoshop - Colour Dodge		
Year 9 Computer Science & ICT	DL - General Organisation - File mgt, passwords, email, VLE, GoogleDocs, Homework	DL - Searching the web & asset management inc. legal considerations	DL - email, WP,SS, Cloud storage & software	C - Matrix3 Computer Hardware Psuedo Code & algorithms (C) Python Programming Introduction (C) Booklet			DC - Photoshop		C - Matrix3 Computer Hardware Psuedo Code & algorithms (C) Python Programming Introduction (C) Booklet				DL - Spreadsheet Modelling	DL - Databases & Data Handling	DC- Creative Task e.g. Photoshop Face-Off		

Spring

	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33
Year 7	DL - Modelling Basic data entry, formatting, basic calculations, graph & questions.			DL - Data Handling - intro to databases introduction & superheroes		DC- Creative Task - e.g Sound Editing		DL & DC - Graphic Design and Copyright. Environmental article, mascot & blog.		Mid-year assessment - ICT & Computing	DL & DC - Graphic Design and Copyright. Environmental article, mascot & blog.		DC - Video Editing		
Year 8	C - Data Representation - Development of computers Data Representation - binary (text & numbers)			C - Matrix2 4.1 - 4.6 Programming with Python		DC- Creative Task - e.g Sound Editing		C & DL - Intro to DTP & leaflet design considerations	C & DL - DTP Leaflet - Computer Hardware - networks, Internet, WWW		C & DL - DTP Leaflet - Computer Hardware - CPU, RAM, ROM, Storage, Software		DC - Video Editing		
Year 9 Computer Science & ICT	C - Matrix3 Data Representation - binary, hex, text and numbers Psuedo Code & algorithms (C) Python Programming Introduction (C) Booklet			C - Matrix3 How the internet works - networks & network hardware Psuedo Code & algorithms (C) Python Programming Introduction (C) Booklet		DC- Creative Task - e.g Sound Editing		C - Introduction to Network Security			C - Introduction to HTML & CSS		DC - Video Editing		

Summer

	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48
Year 7	C - Matrix1 3.2 - 3.6 Data representation & Introduction to binary			C - Matrix1 Computational Thinking 1.1 - 1.5 (see links below BBC Computation Thinking Learner Guides & Assessment) Algorithms, psuedocode, flowcharts, control software e.g. Logo		End of Year Assessment - ICT & Computing	DC- Creative Task - e.g Flash Animation		C - Matrix1 4.1 - 4.6 Python Programming for the BBC Microbit				C - Matrix1 4.1 - 4.6 Introduction to Python using Thonny		DC- Creative Task - e.g Computer Graphics
Year 8	DL - Matrix2 6.6 Modelling Formatting, formulae, statistical functions, charts & questions.		DL - Wordprocessing Intermediate - features of a wordprocessor e.g. find replace	C - Computational Thinking & Control – Flowol, Flowcharts and Algorithms		End of Year Assessment - ICT & Computing	DC- Creative Task - e.g Flash Animation		Creating an online blog - exploitation in the world				C - Personal webpage creation using Webplus		DC- Creative Task - e.g Computer Graphics
Year 9 Computer Science & ICT	DCT - Introduction to Legal & ethical computing issues			DL - Wordprocessing		DL - Modelling	End of Year Assessment - ICT & Computing	DC- Creative Task - Flash Animation		C - OCR Unit 1 - GCSE Content CPU Seneca Learning & Python Coding					DC- Creative Task - e.g Computer Graphics