St Wilfrids Computing Overview 2020_2021

	Information Technology			Computer Science		
Year Grp	**Creating Media**	**Being Creative**	**Data Handling**	**Computing Systems & Networks**	**Programming A**	**Programming B + Controlling Physical Computing**
R	**Teaching Unit RA** Modelling Scenes	**Teaching Unit RB** Exploring Photographs Online Safety SOW	**Teaching Unit RC** Pictograms	**Teaching Unit RD** My First Computer Simple Algorithms	**Teaching Unit RE** Simple Instructions Bee-Bots	**Teaching Unit RF** Exploring Technology Around Us
R/Y1	**Teaching Unit R/1A** Modelling Scenes	**Teaching Unit 1B** Creating Pictures	**Teaching Unit R/1C** Pictograms	**Teaching Unit R/1D** Journey Inside The Computer Hello Ruby	**Teaching Unit R/1E** Adventures in Coding Hello Ruby	**Teaching Unit R/1F** Creating Programs for Robots / Characters Introduce Loops
Y1	**Teaching Unit 1A** Creating Writing (NCCE Year 1) Online Safety SOW	**Teaching Unit 1B** Creating Pictures (NCCE Year 1) Online Safety SOW	**Teaching Unit 1C** Grouping Data (NCCE Year 1)	**Teaching Unit 1D (NCCE Year 1)** Using Technology The Computer Mouse and Keyboard Skills	**Teaching Unit 1E** Building Algorithms (Crazy Characters) (Moving Robots)	**Teaching Unit 1F** Introduction to Animation (NCCE Year 1) Online Safety SOW
Y2	**Teaching Unit 2A** Photography (NCCE Year 2) Designing Documents Online Safety SOW	**Teaching Unit 2B** Making Music (NCCE Year 2)	**Teaching Unit 2C** Pictograms (NCCE Year 2)	**Teaching Unit 2D (NCCE Year 2)** Information Technology Computers in School IT in the Home / World Online Safety SOW	**Teaching Unit 2E** Robot Algorithms (NCCE Y2) Bee Bots	**Teaching Unit 2F (NCCE Y2)** Controlling Characters Introduction to Quizzes Scratch Junior
Y2/3	**Teaching Unit 3A** Designing Pages **(STW Unit)** Online Safety SOW	**Teaching Unit 3B** Emailing/2Blog **(STW Unit)**	**Teaching Unit 2C** Introducing Databases **(STW Unit)** Fruit and Aliens Class Database	**Teaching Unit 23D** What's a Computer? **(STW Unit)** Hardware and Software Inputs and Outputs	**Teaching Unit 23E** Algorithms **(STW Unit)** Scratch Junior	**Teaching Unit 23F** Introducing LOGO **(STW Unit)** Moving, Turning and Pen Colours, Mazes
Y3	**Teaching Unit 3A** Desktop Publishing (NCCE Year 3) Online Safety SOW	**Teaching Unit 3B** Animation (NCCE Year 3) Producing Digital Content	**Teaching Unit 3C** Branching Databases (NCCE)	**Teaching Unit 3D (NCCE Year 3)** Digital Devices and Networks (input, process, output)	**Teaching Unit 3E** Turtle Commands in LOGO Drawing 2D Shapes **Sequence and Repetition**	**Teaching Unit 3F (NCCE Year 3)** Events and Actions **Controlling Characters Sequence and Repetition**
Y4	**Teaching Unit 4B (NCCE Year 4)** Photo Editing Online Safety SOW	**Teaching Unit 4A (NCCE Year 4) Audio Editing** Podcasts	**Teaching Unit 4C (STW)** Introducing Spreadsheets Codebreaker Lunch Boxes Gold Mine	**Teaching Unit 4D (NCCE Year 4) The Internet**	**Teaching Unit 4E (NCCE Year 4)** Repetition in LOGO	**Teaching Unit 4F (NCCE Year 4)** Repetition in Scratch Shapes

	Unit 1 Autumn 1	Unit 2 Autumn 2	Unit 3 Spring 1	Unit 4 Spring 2	Unit 5 Summer 1	Unit 6 Summer 2
Y45 (Y5)	**Teaching Unit 5A Vector Drawing (NCCE Year 5 – Oak)** Online Safety SOW	**Teaching Unit 5B Video Editing (NCCE Year 5 - Oak)**	**Teaching Unit 5C Flat-file Databases (NCCE Year 5 - Oak)**	**Teaching Unit 45D (STW Unit) Investigating Search Engines** Online Safety SOW The World Wide Web	**Teaching Unit 45E (NCCE Y5)** Quizzes in Scratch **Selection** Projects: Ghostbusters	**Teaching Unit 45F (STW Unit)** Controlling Devices Flowol
Y5/6	**Teaching Unit 5/6A Internet & HTML (STW Unit)** Mozilla Thimble, Glitch Creating Posters using HTML	**Teaching Unit 5/6 B 3D Modelling (NCCE Year 6)** Online Safety SOW	**Teaching Unit 56C (STW Unit) Data and Information (Digital Data, Binary, Pixels)**	**Teaching Unit 56D Sharing Information (NCCE Year 5)** Input, Process, Output Packet Switching Systems/Lockers	**Teaching Unit 56E (STW Unit) Creating Games** Scratch Times Tables Game Maze Type Game Online Safety SOW	**Teaching Unit 56F (NCCE Year 5) Physical Computing** Crumbles **Selection**
Y6	**Teaching Unit 6A** HTML - Trinkets Javascript - Bitsbox Online Safety SOW	**Teaching Unit 6B (Combine with 6D) Web Page Design (NCCE Year 6)** Google Sites Online Safety SOW	**Teaching Unit 6C Spreadsheets (NCCE Year 6)**	**Teaching Unit 6D (Combine with 6B)** Communication and Search Results Search Engines, Web Crawlers, Creating Web Pages, Page Ranking	**Teaching Unit 6E (NCCE Year 6)** Game Design (Scratch) Ping Pong **Variables** Online Safety SOW	**Teaching Unit 6F Physical Sensing (NCCE Year 6)** Physical Computing Microbits Crumbles

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