



St. Andrews CEP School Computing Overview 2025-26



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Introduction to Computing (Basic skills) Understand basic parts of a computer and use them <i>Device, mouse, keyboard, screen, click, drag, log on/off</i>	Computer Skills & Word Processing Type and edit simple text documents <i>Document, type, text, cursor, space bar, enter, delete, backspace etc.</i>	Coding with Scratch Jr. Use sequences, loops and events in Scratch Jr. <i>Sequence, loop, event, sprite, code</i>	Scratch Use timing and repetition <i>Sprite, stage, blocks, script, wait, event, test, debug</i>	Scratch (Jokes and Pong game) Design and code a simple game <i>Sprite, backdrop, variable, loop, score</i>	Micro-bit Coding Code basic games <i>Loop, conditional, variable, input, output</i>
Autumn 2	Digital Painting & Art Use paint tools to create and save artwork <i>Line, shape, fill, tool, undo, save</i>	Digital Art (famous Artists focus) Recreate their work using various digital tools <i>Canvas, brush, pencil, eraser, line tool, shape tool, palette, shade, pattern, undo</i>	Creating Presentations Make and present a simple slideshow <i>Slide, text, image, transition, present</i>	Photo Editing Manipulate and enhance images <i>Edit, crop, filter, adjust, layer</i>	Computing History Understand where it all started <i>Abacus, Algorithm, Mechanical computer, plus key people e.g. Charles Babbage</i>	3D Modelling Design 3D objects using modelling software <i>3D, model, shape, rotate, export</i>
Spring 1	Programming with 2go & Bee-Bot Create simple sequences and animations <i>Sprite, block, move, start, end, sequence</i>	Programming with Bee-Bot Create simple algorithms <i>Program, movement commands, sequence, algorithm, debug, directional language</i>	Email & Communication Send and receive emails safely <i>Email, send, inbox, attach, reply</i>	Blogging & Publishing Create and post to a class blog <i>Blog, post, comment, publish, media</i>	Spreadsheets & Data Analysis Use formulas and functions to analyse data <i>Formula, function, cell, sum, average</i>	Web Design (HTML/CSS) Create and style simple web pages <i>HTML, CSS, tag, style, link</i>



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Spring 2	Using the Internet Safely Know basic online safety rules and who to talk to if worried <i>Internet, safe, stranger, private, trusted adult</i>	Internet Safety Understand safe searching and sharing rules. <i>Search, share, password, privacy, safe</i>	Internet Safety Recognise reliable sources online <i>Reliable, source, fact, opinion, safe</i>	Internet Safety Know how to report online concerns <i>Report, block, safe, privacy, stranger</i>	Internet Safety Understand digital footprints and safe communication <i>Footprint, profile, safe, share, privacy</i>	Internet Safety Evaluate risks and benefits of online content <i>Risk, benefit, evaluate, safe, content</i>
Summer 1	Digital Story Telling Create & present a digital story <i>Page, text, image, slide, narrate, animation, present.</i>	Word (The basics) Make and present a poster <i>Document, type, text, cursor, space bar, enter, delete, backspace etc.</i>	Getting to know Word Recognise the main tools and their keyboard shortcuts <i>Cut, copy, paste, open, save/save as, insert, undo, wrap text</i>	Getting to know Publisher Make and present a poster <i>Template, layout, text box, font, background, insert</i>	Podcast Creation Plan, record, and publish a podcast <i>Podcast, script, record, edit, publish</i>	Film Production (Stop motion) Storyboard, shoot and edit a film <i>Storyboard, frame, frame rate, onion skin, edit, capture, set, props</i>
Summer 2	Data Handling & Sorting Sort and categorise data using pictograms and charts <i>Tally, data, sort, table, pictogram, label, most/least/same, result</i>	Data Handling Create and interpret bar charts and tables <i>Data. Collect, sort, chart, label, count</i>	Data & Graphs Collect and present data in spreadsheets <i>Cell, row, column, cell reference, data, formula</i>	Logo Understanding text-based coding <i>Logo, turtle, command, FD, NK, RT, LT. PU, Repeat</i>	AI Basics Understand what AI is and its uses <i>AI, machine learning, algorithm, bias, data</i>	AI & Ethics Explore ethical issues in AI use <i>AI, ethics, bias, automation, fairness</i>