

## ICT Scheme of Work Overview Reception – Year 6

Year Group	Autumn Term	Spring Term	Summer Term
Reception	Meeting the mouse – ICT basics. Typing together – introducing the keyboard	Using ICT to explore sound ICT for control – introducing Beebot	Art and Animation An introduction to modelling
Year 1	Logging on and off Using the internet safely Word processing using a word bank Introducing ipads	Information around us – using a digital camera Keyboard skills	Representing information graphically: creating books and pictograms Exploring Simulations – Barnaby Bear’s local Walkabouts
Year 2	Communicating information using text – writing stories, book reviews and letters	Creating pictures Ipad art work	Routes: controlling a floor turtle Introduction to Email
Year 3	Using Microsoft Outlook Combining text and Graphics	Introduction to Databases Exploring Simulations	Manipulating Sound Photography – taking and storing digital images – copying / printing. Using Video cameras
Year 4	Microsoft word Modelling effects on screen LOGO	Branching Databases Collecting and presenting information	Developing images using repeating patterns Evaluating information, checking accuracy and questioning plausibility Music – Using MP3 software (iTunes / WMP / Real Audio)
Year 5	Using the internet to search large databases and to interpret information Graphical modelling	Introduction to spreadsheets Analysing data and asking questions: using complex searches	Monitoring environmental conditions and changes Controlling devices Presentation skills
Year 6	Spreadsheet modelling Flash animation	Using and adapting digital images both still and moving, using photoshop and imovie moviemaker Multimedia Presentation	Controlling and monitoring - What happens when...? Using Robolab

