

ICT Curriculum

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	How do we use technology safely?		Algorithms Create and Debug		Create, organise Store and manipulate retrieve digital content	
2	Language – log on and shut down. Save, open work – use passwords, find name. Retrieve work saved. Rapid Writing program and Phonics play		Algorithms – calculators – out of school buying. Maze, Scratch, Store and retrieve it in and out of school. E- Safety – 2 simple/photo simple		ICT 2 go Programming Scratch – position, controlling moves, logical reasoning.	
3	Introduction to Netbooks. (safety) Computer networks Use the internet for research and decide what is good or not.	Present data and information. 2 publish, PowerPoints.	Design, write and debug on scratch and Kodu. Input data into Excel	E-Safety	Data – word, publisher E-Safety	
4	Kodu programming (Design, write and de-bug – solving and correcting errors. Explain algorithms Use search technology effectively		Understand networks (inc internet) Communication and Collaboration E-Safety – Use technology safely and responsibly Recognise acceptable and unacceptable behaviour Know a range of ways to report concerns of inappropriate behaviour		Select and use a variety of software. Design and create content on a computer Collect, analyse and evaluate data and information Use search technology effectively Appreciate how searches are ranked	
5	Combining texts and graphics- fonts, resizing, bold, underline skills	Various forms of input/output FLOWOL Research presentation Anglo Saxons	Computer Science Understand computer networks ... intra/internet WWW	E-Safety Encryption/passwords/ Acceptable /unacceptable behaviour. Who to talk to and report to.	Stop Motion Animation	Combine text and graphics and write for different audiences – fonts, copy and paste, align, re-size cut and paste.
6	Kodu programming.	Website design and blogging	E-safety E-Safety in blogging. Write blog posts in cloased community. Can you safely contribute to class blogs?	Spreadsheets	Moviemaker – prepare for leaving.	Moviemaker – add Robinwood clips