



## Subject: ICT

RECEPTION			YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5			YEAR 6		
AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER
Ipad: Sketches School: Drawing Explore line using a variety of pens/brushes Experiment with methods for creating/combining shapes. Practise making patterns using lines/shapes. Explore camera app to take a photo, explore the mark up tool and edit.	Purple Mash: Mini Mash: Zpaint Farm Animals Simple City: Farm GarageBand: Smart Drums Build a beat. Explore the Strings, explore chords and how they can be changed. NumBots using a login and using an Ipad to complete maths challenges	Purple Mash: Mini Mash: Zpaint dinosaurs/planets MiniMash: Mashcam Pupils to take a photo of themselves as an astronaut and record by using voice or typing what it feels like.	Unit 1.1 – Online Safety and Exploring Purple Mash Unit 1.2 – Grouping and Sorting Unit 1.3 – Pictograms Unit 1.4 – Lego Builders	Unit 1.5 – Maze Explorers Unit 1.6 – Animated Story Books	Unit 1.7 – coding Unit 1.8 – Spreadsheets Unit 1.9 – Technology outside school	Purple Mash 2.1 Coding Purple Mash 2.2 Online Safety Purple Mash 2.3 Spreadsheets	Purple Mash 2.5 Effective Searching Purple Mash 2.4 Questioning Purple Mash 2.6 Creating Pictures	Purple Mash 2.7 Making Music Purple Mash 2.8 Presenting Ideas	Purple Mash 3.4 Touch Typing Purple Mash 3.9 Presenting (Powerpoint) Purple Mash 3.2 Online Safety	Purple Mash 3.5 Email Purple Mash 3.1 Coding	Micro:bits - Coding Purple Mash 3.8 Graphing Purple Mash 3.6 Branching Databases Purple Mash 3.7 Simulations Purple Mash 3.3 Spreadsheets	Purple Mash unit 4.1 Coding Purple Mash unit 4.2 Online safety Purple Mash unit 4.3 spreadsheets	Purple Mash unit 4.4 Writing for different audiences. Purple Mash 4.5 Logo	Purple Mash unit 4.6 Animation Purple Mash unit 4.9 Making music Purple Mash unit 4.7 effective searching Purple Mash unit 4.8 Hardware investigations	Coding (computing element) Word processing	Concept maps (information technology) Online Safety (digital literacy) Spreadsheet (information technology)	Databases (information technology) Word processing	Capturing images using iPads Creating collages Setting up iPads Internet Safety Blogging	Networks Spreadsheets Internet Safety	Text Adventures Quizzing Coding Purple Mash coding and coding a product that has been built. Using MicroBits and coding using iPads.

### Alvey Values

We teach specific skills with an emphasis on programming. However we also use ICT to help in all other curriculum areas.

- Competence in coding for a variety of practical and inventive purposes, including the application of ideas within other subjects.
- The ability to connect with others safely and respectfully, understanding the need to act within the law and with moral and ethical integrity.
- An understanding of the connect4d nature of devices.
- The ability to communicate ideas well by using applications and devices throughout the curriculum.
- The ability to collect, organise and manipulate data effectively.