

Purple Mash

EYFS	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Mini Mash		Mini Mash		Mini Mash	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p>Intro to Purple Mash</p> <ul style="list-style-type: none"> Logging in and creating an avatar Opening and saving work Complete in work in the 2Dos area <p>Creative Computing</p> <ul style="list-style-type: none"> Use paint tools Create a jigsaw and placing game Create images 	<p>Data Explorers</p> <ul style="list-style-type: none"> Grouping and sorting items How to collect and use data Use data to create a pictogram 	<p>Creating and Following Instructions</p> <ul style="list-style-type: none"> Understand that an algorithm is a set of instructions Follow and create simple instructions Sequence algorithms that require a specific order 	<p>Animated Stories</p> <ul style="list-style-type: none"> Draw a character for a digital story book Understand the difference between backgrounds and objects Add animation, text and sound to a story 	<p>Coding</p> <ul style="list-style-type: none"> Using blocks to code Understanding objects, actions and events Planning and designing a programme 	<p>Technology Around Us</p> <ul style="list-style-type: none"> Understanding tech Recognising tech in the local environment and beyond <p>Making Beats</p> <ul style="list-style-type: none"> Creating sounds Combining instruments Composing digital music
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	<p>Route Explorers</p> <ul style="list-style-type: none"> Considering direction and distance Creating commands Building an algorithm <p>The Internet</p> <ul style="list-style-type: none"> Defining the World Wide Web Recognising browsers and websites Getting online 	<p>Creating Pictures</p> <ul style="list-style-type: none"> Using picture templates and exploring features Compiling a portfolio Comparing digital and non-digital effects 	<p>Spreadsheets</p> <ul style="list-style-type: none"> Understanding cells and columns Inserting images with values Using totalling tools Creating graphs 	<p>Questioning</p> <ul style="list-style-type: none"> Asking the right question to collect or present data Keeping a tally Presenting data Using a branching database 	<p>Coding</p> <ul style="list-style-type: none"> Understanding algorithms Introducing sequencing Coding interaction between objects Using timers and debugging 	<p>Presenting Ideas</p> <ul style="list-style-type: none"> Using and making mind maps Using mind maps as presentation tools <p>Making Music</p> <ul style="list-style-type: none"> Understanding digital music tools Relating functions to musical terms Composing music digitally

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Route Planners <ul style="list-style-type: none"> • Writing commands using rotation • Creating algorithms and writing code • Planning routes • Using repetition 	Branching Databases <ul style="list-style-type: none"> • Asking binary questions • Completing branching databases • Creating and testing databases 	Spreadsheets <ul style="list-style-type: none"> • Creating graphs • Understanding cell addresses • Using the formula bar • Combining functions to analyse data 	Coding <ul style="list-style-type: none"> • Using flowcharts • Using timers • Introducing repetition • Testing and debugging 	Presentations <ul style="list-style-type: none"> • Adding media • Customising with animation and timings • Designing an effective presentation 	Touch Typing <ul style="list-style-type: none"> • Recognising keyboard locations • Understanding correct finger positioning • Improving accuracy and speed
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	Hardware and Software <ul style="list-style-type: none"> • Defining types of tech • Knowing how systems work together • Identifying hardware • Understanding software 	Animation <ul style="list-style-type: none"> • Knowing types of animation • Understanding 'onion skinning' • Exploring animation features • Using storyboarding 	Logo <ul style="list-style-type: none"> • Using Logo commands • Writing commands in a sequence • Refining code using repetition and procedures Sound Stories <ul style="list-style-type: none"> • Recording audio • Creating sound effects • Post-production editing 	Effective Searching <ul style="list-style-type: none"> • Using a search engine • Search rankings • Reliable searching • Search algorithms 	Coding <ul style="list-style-type: none"> • Introducing selection • Exploring design properties • Introducing loops • Coding number variables 	Composing Beats <ul style="list-style-type: none"> • Exploring pulse, rhythm and tempo • Pitch and texture • Composing a melody Intro to AI <ul style="list-style-type: none"> • Exploring how AI works • Positive and negative impacts • AI in the future

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	<p>Quizzing</p> <ul style="list-style-type: none"> Evaluating the features of a good quiz Choosing appropriate question types Making use of feedback and titles Testing and editing quizzes 	<p>Databases</p> <ul style="list-style-type: none"> Understanding table-based databases for collecting, presenting, searching and analysing data Searching databases Analysing data 	<p>Game Creator</p> <ul style="list-style-type: none"> Exploring features of a good game Designing and making sprites and the game world Evaluating the playability of games 	<p>Spreadsheets</p> <ul style="list-style-type: none"> Using formulae Exploring measurement conversions Carrying out numerical investigations Creating computational models 	<p>Coding</p> <ul style="list-style-type: none"> Coding efficiently by refining code Simulating a physical system Exploring decomposition and abstraction Using functions and variables 	<p>Word Processing</p> <ul style="list-style-type: none"> Creating documents Using images Entering and editing text Using tables and templates
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	<p>Graphing</p> <ul style="list-style-type: none"> Creating a range of graph types Incorporating multiple datasets Exporting and importing files <p>Blogging</p> <ul style="list-style-type: none"> Planning theme, content and structure Writing, editing and publishing posts Understanding moderation Reviewing and commenting on blogs 	<p>Data Detectives</p> <ul style="list-style-type: none"> Filtering and sorting data Grouping data Linking tables 	<p>Networks</p> <ul style="list-style-type: none"> Identifying network examples Recognising network types Understanding internet services Discussing positive and negative <p>Coding</p> <ul style="list-style-type: none"> Using functions Understanding flowcharts & control simulations Coding for user input 	<p>Introduction to Python</p> <ul style="list-style-type: none"> Comparing block and text code views Coding for text output Working with different datatypes Coding repetition in Python 	<p>Spreadsheets</p> <ul style="list-style-type: none"> Performing calculations Entering and using formulae Presenting data Solving real-life problems 	<p>3D Modelling</p> <ul style="list-style-type: none"> Working with viewpoints of 3D objects Adding and editing points on a model Designing for a purpose