

# Computing Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Unit 1.1 Online Safety & Exploring Purple Mash	Digital Art and Design	Digital Art and Design	Digital literacy and numeracy	Digital literacy and numeracy	Digital literacy and numeracy
Reception	Unit 1.1 Online Safety & Exploring Purple Mash	Digital literacy and numeracy	Digital Art and Design	Early Digital music	Computer discovery	Digital Photos
Year 1	Unit 1.1 e-safety and how to login using a username and password.	Explore algorithms and giving clear, precise instructions.	Create and debug simple programs.	Use logical reasoning to predict the behaviour of simple programs.	Learn to create, organise, store, retrieve and manipulate digital content.	Recognise common uses of information technology beyond school.
Year 2	Unit 2.2 Online Safety Logging in on Purple Mash, TT rockstars and Bug club	Unit 2.1 Coding Using 2 code. First half of plan Unit 2.5 Effective Searching - Linked into searching for old toys to link with topic	Unit 2.6 Creating Pictures Weeks – 5 Programs – 2Paint A Picture Writing Templates Linked with Great Fire of London	Unit 2.7 Making Music  Unit 2.1 Coding Using 2 code. Second half of plan	Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate  Data handling of minibeast data – favourite animals etc	Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate 2Calculate  Unit 2.8 Presenting Ideas Weeks – 4 Programs – 2Connect (Mind Map) 2Create a Story (ebook) 2Quiz Writing Templates Linking in with Africa topic, children to make a presentation about an African animals.

Year 3	Online safety (2W))	Touch typing (4W) Purple Mash	Coding (6W) Purple Mash	Spreadsheets (3W) Purple Mash Simulations(3W) Purple Mash	Email (6W) Purple Mash	Graphing (3W) Purple Mash Databases (4W) Purple Mash
Year 4	Unit 4.2 online safety Unit 4.7 Effective searching	Unit 4.6 Animation	Unit 4.4 Word skills Writing for different purposes	Unit 4.1 Coding	Unit 4.5 Logo	Unit 4.3 Spreadsheets
Year 5	Online Safety (unit 5.2) Coding (unit 5.1)	3D Modelling (unit 5.6)	Databases (unit 5.4)	Concept Maps (unit 5.7)	Spreadsheets (unit 5.3)	Game Creator (unit 5.5)
Year 6	Unit 6.2 Online Safety  What is the internet  Word-processing	Word-processing  Unit 6.1 Coding	Sketch Up – creating own virtual theatre	Unit 6.5 Text Adventures	Unit 6.7 Quizzing	Soundation – composing own music