Computing - Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1: Orange Class	**We are treasure Hunters** The children will solve problems using programmable toys.	**We are digital artists** The children will create work inspired by great artists.	**We are rhythmic** The children will create sound patterns in ScratchJr and/or Garage Band.	**We are detectives** The children will use data to solve clues.	**We are publishers** The children will create a multimedia eBook about our achievements.	**We are TV Chefs** The children will film the steps of a recipe.
Year 2: Yellow Class	**We are astronauts** The children will program on screen in ScratchJr.	**We are games testers** The children will work out the rules for games.	**We are safe researchers** The children will research a topic.	**We are Photographers** The children will take, select and edit digital images.	**We are zoologists** The children will collect data about bugs.	**We are animators** The children will create a stop-motion animation.
Year 3: Green Class	**We are Programmers** The children will program an animation.	**We are bug Fixers** The children will find and correct Bugs in programs.	**We are opinion pollsters** The children will collect and analyse data.	**We are presenters** The children will video a presentation against a green screen.	**We are who we are** The children will create presentations about themselves	**We are co-authors** The children will produce a wiki.
Year 4: Blue Class	**We are software Developers** The children will develop a simple educational game.	**We are makers** The children will code for micro: bit.	**We are artists** The children will fuse geometry and Art.	**We are meteorologists** The children will present the weather.	**We are musicians** The children will create a piece of music in GarageBand.	**We are bloggers** The children will share experiences and opinions.
Year 5: Purple Class	**We are game developers** The children will develop an interactive game.	**We are cryptographers** The children will crack codes.	**We are adventure Gamers** The children will create an interactive adventure using PPT.	**We are architects** The children will create a virtual space.	**We are web developers** The children will make sense of the Internet and build a website.	**We are VR designers** The children will experiment with virtual and augmented reality.
Year 6: Pink Class	**We are publishers** The children will create a yearbook or Magazine.	**We are computational Thinkers** The children will master algorithms for searching, sorting and maths.	**We are toy makers** The children will learn about coding and physical computing.	**We are AI developers** The children will learn about artificial intelligence and machine learning.	**We are connected** The children will develop skills for social media.	**We are advertisers** The children will create a short television advert.