Long Term Curriculum Coverage

Class Rowan	Subject Computing
Year A	

Autumn 1	Autumn 2
Online Searchers and Surfers	**Online Safety**
Children will learn about what the Internet is, how the Internet works and the three different types of connections that can be used. They will then have the opportunity to explore web browsers and search engines, learning how to detect if a web page can be trusted whilst also ensuring that they know how to stay safe online. Finally, they will learn how to copy and paste images from the web and complete their own scavenger hunt project at the end of the unit.	Children are introduced to email and other forms of online communication. They will look at how to write and send emails, as well as how to decide if an email is safe to open. They will build on their existing knowledge of cyberbullying and how to deal with unkind behaviour online. The use and importance of privacy settings is introduced and children will discuss the types of information we should not share online. They will build on the idea of a digital footprint by thinking about how the adverts they see online are targeted at them. Children will finish the unit by using the knowledge they have gained to plan a party using online communication methods.
Spring 1	Spring 2
Presentation Skills	**Programming Turtle Logo and Scratch**
This unit develops children's use of presentation software. The first three lessons teach children new skills, following on from previous skills learnt; setting the theme, slide transitions, animating objects onto the slide, creating hyperlinks in the action settings and adding audio and video.	This Programming Turtle Logo and Scratch unit will teach childr to create and debug algorithms. Following on from the earlier Year 2 unit on Preparing for Turtle Logo, the children use the basic commands in Logo to move and draw using the turtle on screen, and then further develop algorithms using the "repeat" command. These skills are then developed by teaching children to create algorithms in Scratch using a selection of blocks.

Summer 1	Summer 2
Word Processing Skills	**Drawing and Desktop Publishing**
Children will learn to use various features for formatting text. The Lesson Pack contains six Lesson Plans, each with their own Lesson Presentation, alongside a home learning task, challenge cards, posters and help cards. The first lesson, which is intended to be used at the start of the school year, focuses on some important computer skills and introduces children to screenshots and the Snipping Tool, and secure use of passwords.	Children will learn to draw, order, group and manipulate objects to make a picture. They will also learn to evaluate and create effective layouts, combining text and images. The Lesson Pack contains six Lesson Plans, each with their own Lesson Presentation, alongside challenge cards, home learning tasks, posters and word cards