All Saints CE Primary School and Nursery
Medium Term Planning

Class teacher: SS/SS Year group: 2 Term: Autumn 2   Subject: Computing- What is an algorithm-Programming 1

Lesson	Learning Goal (L.G.)	Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science, Kapow French or Music, Purple Mash computing)	Key Vocabulary covered
1	To practise keeping information safe and private online. SEN: Adult small group support Liberty	Online safety lesson. Kapow- KS1- Year 2- Online Saftey- Lesson 2	password personal information private information
2	To decompose a game to predict the algorithms that are used SEN: Adult small group support, Headphones for verbal instructions	Lesson 1: Dinosaur algorithm	algorithm decomposition
3	To understand that computers can use algorithms to make predictions (machine learning) SEN: Adult small group support, Headphones for verbal instructions	Lesson 2: Machine learning	algorithm data artificial intelligence
4	To plan algorithms that will solve problems SEN: Adult small group support, Headphones for verbal instructions	Lesson 3: Through the maze	Algorithm Loops
5	To understand what abstraction is	Lesson 4: Making maps	Abstraction Unnecessary

	SEN: Adult small group support, Headphones for verbal instructions		Zoomed in Key features
6	To understand what debugging is SEN: Adult small group support, Headphones for verbal instructions	Lesson 5: Unplugged debugging	Debugging Bugs Error Correcting