Computing – Medium Term Plan (Y1)

Term	Unit	Skills/Knowledge (I can statements)	KS1 National Curriculum Coverage (1.1-1.6)
Autumn 1	Lesson 1 = Knowledge Map; assess understanding and plan lessons. To be added to teams folder: Year group knowledge map Lesson 2 – 6 = Lesson plans from the knowledge map *Subject lead to check lesson plans/curriculum coverage		1.5 – recognise common uses of information technology beyond school 1.6 – use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies
Autumn 2	Video Creation – Retelling a story	**Animation** • I can create an animation to tell a story with more than one scene • I can add my own pictures to my story animation • I know how to create a simple animation to tell a story including more than one character	1.4 – use technology purposefully to create, organise, store, manipulate and retrieve digital content
Spring 1	Programming – simple algorithms with Dino the Dinosaur	**Computational Thinking** • I can understand what algorithms are • I can write simple algorithms • I understand the sequence of algorithms is important **Coding and Programming** • I can create a simple program e.g. sequence of instructions for a BeeBot • I can use sequence in programs	1.1 - understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions 1.2 - create and debug simple programs 1.3 - use logical reasoning to predict the behaviour of simple programs

		• I can locate and fix bugs in my program	
Spring 2	Animation – Creating our own cartoon	**Presentation, web design and eBook Creation** • I can add a voice recording to a story board • I can import images to a project from the web and camera roll **Sound** • I can record my voice and add different effects	1.4 – use technology purposefully to create, organise, store, manipulate and retrieve digital content
Summer 1	Programming – Robot maze game in ScratchJr	**Computational Thinking** • I understand the sequence of algorithms is important • I can debug simple algorithms • I can create a simple program e.g. sequence of instructions for a BeeBot • I can use sequence in programs • I can locate and fix bugs in my program	1.1- understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions 1.2- create and debug simple programs 1.3 - use logical reasoning to predict the behaviour of simple programs
Summer 2	Lesson 1 – 6 = Lesson plans from the knowledge map *Subject lead to check lesson plans/curriculum coverage		1.5 – recognise common uses of information technology beyond school 1.6 – use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies