Computing long term plan Heymann November 2022 update

		Autumn		Spring		Summer		Notes
Nursery		Listening to and following simple instructions Following rules in games. E.g. simon says. Understanding that a image or symbol can give a meaning Chosing and using stories on a YOTO box.				Coding- duplo code train		
Reception	Computing area taught	🖼️ Image Photography	🖼️ Digital Art	Research	🎬 Video- 🔊 Sound- composition	**Research**	🗂️ Coding- Beebots Sequenced programs	
	Digital Artifact	Take photographs of own work	Use of IWB programme for drawing pictures and story maps	Google earth to look at houses and local area. Location of China	Telling and recording own TFW stories and re-telling familiar stories	Use map software to look at satellite and street view images of a place as a class/group	Giving instuctions Physically and digitally	
Year 1	Computing area taught	🖼️ Picollage- image and text	🖼️ Digital Art	🎬 Animation	📽️ Presenting- (book creator)	🗂️ Coding- Beebots Sequenced programs	🔊 Sound- composition	
	Digital Artifact	Take images of local area	Digital image linked to...	Short animation	Digital book on		Make own song	
Year 2	Computing area taught	📽️ Presenting- book creator	🔊 Sound- composition	🗂️ Coding- scratch Jnr Sequenced programs, repeat loops	📽️ Research skills 📊 Data - pictograms	🖼️ Image Photography	🎬 Video- filming	
	Digital Artifact	Book on Penguins	Own composition linked to Australian topic		Castle research Pictograms linked to maths topics	Digital image	Film of dialogue from story.	

Year							
Year 3	Computing area taught	Photography- landscape photos	Puppet Pals	Data- databases	Coding- Code.org. solve problems using computational thinking.	Presenting- word information posters	Chrome music lab	
	Digital Artifact	Digital document to show changes in local area use	Greek topic linked story retelling			Rainforest mini book	Create song	
Year 4	Computing area taught	Coding- hopscotch	Presenting (and research)	Digital Art- emoji and word art	Clips Puppet Pals	Data- charts and graphs	garage band podcast	
	Digital Artifact	Event handling, conditionals. Coding disco	Information poster	Own word art name	Spanish conversation video	Graph of Science melting experiment.	Favourite book podcast	
Year 5	Computing area taught	Animation	Image Photography	Powerpoint with hyperlinks	Data- spreadsheets	Coding scratch Own scratch game. Repeats, conditionals, variables	Incredibox garage band.	
	Digital Artifact	Animation of erosion process (application of podcast skills for voice over)	Photo montage of school grounds	PowerPoint on Mountains	Costings for school trip- linked to healthy eating.		Own song creation	
Year 6	Computing area taught	Video-	Coding- Edison Robots Coded robot to battle in robot wars event. Repeats, conditionals, variables. Physical computing.	Image- 3D drawing	Data- branching databases.	Audio Garage Band	Image- photoshopping	
	Digital Artifact	Victorian invention advert		3D Dream school	Own classification key on plants and animals	Own song creation	Extreme earth postcard	Lots of presentation application in other subjects