

Design and Technology Long Term Plan 2018-2019

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1				Sparks Might Fly! Electrical Systems- simple circuits and switches Torch/lantern		
Autumn 2	Fire! Fire! Mechanisms-Sliders and levers Christmas cards	Fighting Fit Mechanisms and axles Wheelbarrow	Healthy Humans Food- healthy and varied diet Healthy wrap/pitta		Food Glorious food Food-celebrating culture and seasonality Beef fajitas with guacamole	Food –culture and seasonality Whole Day healthy burgers/nuggets
Spring 1	Growth and Green Fingers Food- preparing fruit Berry Passionfruit yoghurt pots					Heroes and Villains Structures-frames Design a kite
Spring 2		The Farm Shop Food-Preparing vegetables. Rainbow couscous salad.	The Iron Man Mechanical Systems- levers and linkages Moving advert for Iron Man	Passport to Europe Textiles – 2D to 3D product. Create a purse for currency	Inventors and Inventions Mechanical Systems- Pulleys gears or cams Design a toy car with gears	
Summer 1	The Great Outdoors Structures freestanding Bug hotel	Wind in the Willows Textiles- templates and joining techniques Puppet to retell story			Amazon Adventure Textiles – combing different fabric shapes Design a bag	Oh? I do like to be beside the seaside Electrical systems –using more complex switches and circuits Beat the buzz game
Summer 2			How does your Garden grow? Structures- shell structures including CAD Biodegradable plant pots	Hunted Food- Healthy and varied diet inc req for KS2 Healthy banana/bread loaf		