



Design & Technology Long Term Plan:

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Simple construction Using simple tools		Constructing with purpose	Selecting a wider range of tools	Use available resources to create props to support role play	Create 3D structures Begin to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces
Reception	Create 3D structures Begin to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces		Manipulate materials to make a planned effect to support play Construct with a purpose in mind through talking about ideas and plans	Join materials to make a planned effect talking through ideas and plans	Select effective tools and techniques from a range of those available	Experiment with form and function by making props, pictures and constructions linked to own interests and those that have been taught throughout the year
Year 1	Do you know any superfoods? Can you design and make a smoothie?		Can you make dinosaur picture with moving parts?			Can you make a bird feeder to hang in our nature garden?
Year 2	How do I join pots together?	How can I use everyday materials to make a poppy?	Can I use materials to carve and print a pirate ship?	How can I make paper flowers?	How can I build a strong castle?	How do puppets work?
Year 3	Why are buildings different?	How can we make a product which appeals to others?		How can we make a volcano?		How can we make our chocolate scrumdiddlyumptious?



Year 4	Can you make a traditional Manchester tart?	Can I create and design my own poppy on a rock?	Can I become Cornelius Drebbel and invent the submarine?	Can I create and design my own shield?	Can I use different types of materials to make a mountain?	Can I design and create potions with a purpose?
Year 5		How do I make a horse puppet that moves realistically?			Can I design and create my own bird feeder?	
Year 6	Can you keep people safe during an air raid? (Anderson shelters)		Where did the Victorians live? (Design and build models of Victorian homes)		What memories are you fond of?	