CRST Primary Curriculum

Design and Technology Long - Term Sequence			
EYFS Foundational Knowledge: • **Range of materials** • **Tools and fixings** • **Discussion and evaluation**		**Substantive Concepts and Disciplinary Knowledge:** • **Generating design ideas.** • **Developing knowledge of materials and techniques of working with them.** • **Evaluating products and processes.**	
	Autumn	**Spring**	**Summer**
Nursery	**Explore and Make** Children explore different materials and begin to build, join and create using simple tools and fixings safely.	**Choose and Create** Children choose from different materials and tools to make models and structures. They begin to explain what they have used and why, e.g. musical instruments.	**Make and Talk About It** Children use what they have learned to make their own creations. They talk about what they have made, how they made it and what they like about it.
Reception	**Explore, Design and Make** Children develop their own ideas through drawing, experimenting and making, including making houses and bridges. They choose suitable materials, tools and fixings with increasing independence.	**Choose and Make for a Purpose** Children make for a purpose, choosing appropriate materials, tools and ways of joining, including simple sewing. They explain their choices and as they work. They design and make vehicles that move.	**Evaluate and Improve** Children with increasing independence, explain the materials and processes they have used to make a toy from 'junk'. They reflect on what worked well, returning to their ideas and make improvements.
Year 1	**Construction** Design and make a 2D Puppet **Mechanisms** Incorporate a simple slider for a seasonal card	**Textiles** Design and make a sensory cube	**Food and Nutrition** Design and make a sandwich
Year 2	**Textiles**	**Food and Nutrition** Design and make a fruit salad	**Construction** Design a container

	Design and make a felt Christmas decoration **Mechanisms** Incorporate a slider for a seasonal card		
Year 3	**Food and Nutrition** Design and prepare a soup **Mechanisms** Incorporate a simple pop up for a seasonal card	**Textiles** Design a pencil pocket	**Construction** Design and make a vehicle that moves
Year 4	**Food and Nutrition** Design a healthy cereal bar **Mechanisms** Incorporate a pop up for a seasonal card	**Construction** Design and make a catapult	**Textiles** Design and make a money bag/coin purse