

Thoresby Primary School Design and Technology Long Term Plan



**THORESBY
PRIMARY SCHOOL**

		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Long Term Plan for Design and Technology	Term Autumn	Children will be given the opportunities to: Draw and paint using a range of materials, tools and techniques, experimenting with colour, design, texture, form and function;	How do we get from Field to Fork? Cooking and nutrition- Where foods come from and basic principles	Food fit for a Queen	Local Study – History Fishing Cooking and nutrition – source of fish for food	Castles and Buildings- Technical knowledge of mechanical systems, gears and pulley, linkages. Design/ make cycle		Link to History topic (Roman legacies) – Structures/ influence on building design
	Term Spring	Share their creations, explaining the process they have used; Make use of props and materials when role-playing characters in narratives and stories.	Links to Cracking Ideas (History topic), Design process (not all) inventions. Technical knowledge wheels Narrative – Jack and the Flum Flum Tree – textiles Barn dance - cookery	Mega structures/ Bridges – State the product they are making, the users, , how they work Design, make, evaluate and technical knowledge- building structures, making them stronger, stiffer and more stable Technical knowledge: levers,	Reach for the stars – Rockets Design, make, evaluate, technological knowledge – computing to program, monitor, control products Matilda performance – prepare a savoury snack for audience	Links to Robots/ Electrical topic – technical knowledge- electrical systems	Complex structures/ strengthening structures/ mechanical systems	Links to Geography Topic – North American – Home of MacDonalds Principles of a healthy diet?
	Term Summer		What diet does an athlete need?		Links to Geography topic (Europe) Cooking and Nutrition – Cooking European dishes		Links to History topic Victorians Rich and poor – healthy nutrition	
	scope Kaleido-	Conservation—Taking care of our own community and our planet as a whole. '10 ways to help save our world'.	Rights of the Child – NSPCC, Barnadoes, staying safe	Australian Adventures- Aborigines Sidney Harbour Bridge Sidney Opera House	Study of Germany – Liberty (WW2) East/West Berlin Wall)	Study of Origins of Olympics and when it was prevented due to the war (liberty) Greece/ UK cooking	Africa – Liberty African savoury dishes	Mexico -Liberty – Fight over the border between USA and Mexico (historic) and impact on the people

Key: Denotes that your child will briefly touch upon these themes within their main topic for that term. Denotes what your child will be focusing fully on in their topic for that term.