

Excalibur Primary School

Design and Technology Curriculum Overview

	Autumn	Spring	Summer
Reception	Continuous provision and child-initiated learning throughout the following areas: textiles, food, structures, mechanisms. Textiles - weaving, threading, with material, ribbons, fabric for decoration eg stickman clothes. Structures – crates, wooden blocks, bricks, Lego, Duplo, Clix, junk modelling. Food – peel, chop, knead, mix, roll out, soup, fruit kebabs, biscuits, cakes. Mechanisms – Build It, large construction that features cogs, axle for vehicles.		
Year 1	Textiles Templates and Joining Techniques Superhero Hand Puppets Superheroes	Food Preparing fruit and Vegetables Fruit and Vegetable Kebabs Frozen Planet	Mechanisms Wheels and Axels Moving Toys Africa
Year 2	Food Preparing Fruit and Vegetables Healthy Fruit and Vegetable Smoothies Home – Where our journey begins	Mechanisms Sliders and Levers Interactive Information Poster Science – Living things and their habitats	Structures Free Standing Structures Beach Equipment Adventures by the Sea
Year 3	Mechanical Systems Leavers and Linkages Making a Shaduf Egyptians	Structures Shell Structures using Computer Aided Design Making an Igloo Antarctica	Food Healthy and Varied Diet Healthy Pizza Pitta Snacks Romans
Year 4	Food Healthy and Varied Diet Healthy Granola Bar Science – Animals inc Humans	Textiles 2D Shape to 3D Product Making an effective sleeping bag Extreme Earth	Electrical Systems Simple Circuits and Switches Working Garden Lantern Victorians
Year 5	Food Celebrating Culture and Seasonality Rationing Stew / Lebkuchen WW2	Textiles Combining Different Fabric Shapes Pencil Case with Zipper Kensuke’s Kingdom	Mechanical Systems Pulleys or Gears Moving Toys Rainforests
Year 6	Structures Frame Structures African Shelters Africa	Electrical Systems Monitoring and Control Alarms Lights Camera Action	Food Celebrating Culture and Seasonality 5 Different Breads from 5 Different Countries Explorers