

Intake Primary Academy DT Curriculum Overview CYCLE A



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Myself Explore and refine cutting and joining techniques. Exploring materials - leaf prints and collage	Animals and their babies Create collaboratively - Make a home for an animal baby.	Journeys Large Scale box modelling to make vehicles.	Dinosaurs Make model dinosaurs from malleable materials such as clay or playdough.	Growing and changing Revisit cutting and joining techniques to create collages using fabric	Heroes and adventurers Design and make story-telling crowns.
KS1	Food: dips and veg Jam tarts and mince pies Nutrition - vegetables Sweet v savoury Cooked v raw Cooking from different cultures -Greece and England What is a recipe? A pie can be made with pastry Seasonality - preserving fruit for the winter Cut, peel or grate; measure or weigh & assemble or cook		Sew: animal socks puppets Process of design Making products with fabric Properties of a range of materials Using suitable materials Fixing fabric together Reusing/recycling materials Features of a puppet Features of different animals		Build: vehicles Process of design Vehicles: user and purpose Mechanical systems: wheels and axles Wheels and axles in everyday examples Structures and materials - strong, stiff and stable. Materials -properties and functionality Vehicles and pollution	
LKS2	Sew:keyrings Process of design Making products with fabric Types of fabric - natural/synthetic Properties of fabric -thickness, softness, stretchiness How fabric is fit for purpose Features of a key ring/decoration—size, materials, shape, joining, stitching, decoration		Build: pop up books Process of design Mechanical systems: linkages: moving pivot, fixed pivot, types of motion Linkages: uses and purpose in everyday examples Materials to make linkages in moving books: strong, stiff and stable.		Food: bread, butter pasta Sweet/Savoury Making bread with flour made from wheat yeast, wholegrains and health baking Dairy products, milk and butter production Sweet/Savoury Food from different cultures Pasta, pasta production Vegetables are part of a healthy diet Tomatoes -production, preserving	
UKS2	Build: cam toys Process of design Mechanical systems: cams, followers, sliders, camshaft, rotary motion, linear motion, cam profiles Everyday examples and purpose of cams mechanisms Structures and materials to make products with cams and followers —3d shapes, strong, stiff and stable		Cook: honey cake, pitta bread Sweet/Savoury Honey production and history Health benefits of honey Sweet/Savoury Bread as part of a balanced, healthy diet, Different types Using yeast - leavened/unleavened bread Cooking from different cultures Wheat production		Sew: bags Process of design Making products with fabric Types of fabric—natural/synthetic Properties and suitability of fabric How fabrics are made—weaving Features of a bag – size, materials, fastenings, shape, joining, decoration, handles. Decoration—appliqué, embroidery	