

DT Curriculum 2021/22

	Autumn	Spring	Summer
Year 1	Textiles Snowman puppets Joining fabric – pinning, stapling, gluing	Food and Nutrition What is fruit and veg? Taste and texture	Mechanisms Tractors Wheels and axles
Year 2	Textiles Christmas stockings Using a needle, running stitch	Food and Nutrition A balanced diet – wraps Nutritional info on packaging	Structures Railway Bridget Levers and pivots, increasing stability with changing shapes
Year 3	Textiles & CAD Christmas cushions Threading needles, tying knots, applique Use Paint 3D linked to textiles	Food and Nutrition Seasonal food Imports and effect on of nutritional value and climate	Mechanisms Pneumatic toy Levers and pivots Kinetic energy
Year 4	Textiles Fastenings – book covers Understanding different fastenings and their purpose	Structures Pavilion Increasing knowledge of net structures Struts, ties and beams Use of pattern in architectural design	Food and Nutrition & CAD Adapting a recipe Budgeting and production Use MS Word grids to design packaging
Electrical Systems - Torches, conduction and insulation taught as part of science unit			
Year 5	Mechanisms Automata toy CAMS Motion	Textiles Stuffed toy Using blanket stitch Independent needle threading	Electrical Systems & CAD Greeting cards Flashing eyes/buttons using Crumble from Red Fern electronics
Year 6	Food and Nutrition What could be healthier? Where does food come from e.g. pork is pig and farm to fork	Textiles Waistcoats Decorative stitches	Mechanisms & CAD Playground Man made vs. natural Shell structure, beams, trusses, arches and suspension Use Tinker CAD to link to structures