

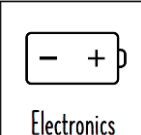
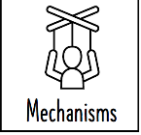



Design Technology - Substantive Concepts

Concept lens'	Explanation
Structures  Structures	The emphasis is on using wooden Jinx frame constructions as a basis for products, ensuring a progression of skills and using tools safety.
Food Technology  Food Technology	The emphasis is on healthy eating and a progression of skills using a variety of cooking techniques, including boiling, stir-frying, baking and grilling, and the safe use of kitchen equipment and appliances.
Electronics  Electronics	The planning, creating, testing of electrical equipment, including lighting equipment, power systems, power distribution and electronic components.
Mechanisms  Mechanisms	This element is incorporated into the products made during the structures topic and includes: levers/sliders, chassis/axles/wheels, pneumatics, cams, gears and pulleys.
Textiles  Textiles	The emphasis is on sewing skills, progressively taught across each key stage and including fastenings and other design elements to make a product appealing.