

Rokesly Design and Technology Curriculum Overview

KS1	Autumn Term	Spring Term	Summer Term
Year 1	Design, make and evaluate a party hat. Ch. shown a range of materials which they can use to make and decorate their hat. E.g. newspaper, card etc. Food tech: Children prepare simple healthy meals	Build structures and explore how they can be made stronger and more stable. Design, make and evaluate a bridge.	Linked to Science Design for purpose. Use a range of materials to design, make and evaluate a bag which can carry a small toy.
Year 2	Food Technology Use the basic principles of a healthy and varied diet to prepare dishes. Where food comes from. Design, make and evaluate an outer garment for a teddy to keep him dry. (Linked to Science materials) Textiles	Design for purpose. Design, make and evaluate a parachute	Design, make and evaluate an animal puppet. (different ways to join/create movement) Simple mechanisms
KS2	Autumn Term	Spring Term	Summer Term
Year 3	Food and nutrition: Where does food come from? - bread making/healthy and varied diets	Mechanical systems: creating a sea creature with movable parts Designer: Hailey E Herrera	Structures: Creating a landmark Designers: Stephen Wiltshire, John Johnston, Alfred Meeson
Year 4	Food and nutrition: Where does food come from? Asian Cuisine / healthy and varied diets	Load bearing structures: Bridges Designer: Zaha Hadid	Textiles: Design purposeful, functional, appealing products for themselves and other users based on design criteria (pencil case) Artist: Kendall Bohn
Year 5	Food and nutrition: Celebrating cultures and seasonality/Healthy and varied diets	Mechanisms: Pulleys, levers, gears and cams (Anglo Saxon toys) Designers: Rene Sulc, Ladislav Sutnar	Load bearing structures: Buildings Designers: Elsie Owusu, David Adjaye
Year 6	Food and Nutrition: Nutrition requirements – using wartime recipes	Mechanical systems: Using papier-mâché to design, make and evaluate a rain forest animal. Artists: Nixiwaka Yawanawa, John Dyer, Oenone Hammersley	Textiles: Joining different fabrics. Designing and making cushions inspired by Ancient Maya patterns Designer: Jay Mohler, Anita Lara