

Design and Technology Overview 2022-2023

Term	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Structures Freestanding structures <i>(Mechanisms Slides and levers)</i>	Mechanical Systems Levers and linkages	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Structures Frame structures- Making Bird Hides	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)
Spring	Mechanisms Wheels and axles	Textiles Templates and joining techniques Puppets	Food Healthy and varied diet (including cooking and nutrition requirements for KS2)	Structures Shell structures using computer-aided design	Food Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)	Textiles Combining fabric shapes
Summer	Structures Freestanding structures	Food Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)	Textiles 2D shape to 3D product	Electrical Systems Simple programming and control	Mechanical Systems Pulleys or Gears	Electrical Systems Monitoring and control