

St Anne's Catholic Primary School
Design Technology Overview 2022-2023

	Autumn 1	Spring 1	Summer 1
EYFS	Children will construct with a purpose in mind, using a variety of resources. They will use simple tools and techniques competently and appropriately, adapting resources where appropriate. They will plan, make decisions about a task and will solve problems to reach their goals. They will also test their ideas and review how well their approach has worked.		
Year 1	Mechanisms (Sliders and Levers) Brief: Design and make a moving story book	Structures (freestanding) Brief: Design and make baby bear's chair	Food (Fruit and vegetables) Brief: Design and make a healthy wrap or sandwich as part of a balanced diet
Year 2	Structures (2D to 3D) Brief: Design and make a windmill	Textiles (Joining Techniques) Brief: Design and make a storage pouch for a specific purpose	Mechanisms (Wheels and Axels) Brief: Design a moving monster
Year 3	Food (Eating Seasonally) Brief: Design and make a healthy soup as part of a balanced diet	Structures (Castles) Brief: Design and make a castle for a specific target audience	Textiles (Fastenings) Brief: Design and Make a pencil case
Year 4	Mechanisms (Levers and links) Brief: Design and make a slingshot car	Food (Smoothies) Brief: Design and make a healthy smoothie to promote a balanced diet	Electrical Systems (Simple circuits and switches) Brief: Design and make a torch

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Year 5	Structures (Framed structures e.g., bridges) Brief: Design and make a sturdy bridge	Food (Bread) Brief: Design and make your own bread	Textiles (Cushions) Brief: Design and make a cushion
Year 6	Food (Adapting a recipe) Brief: Adapt an existing food recipe and substitute ingredients to make it healthier	Electrical Systems (Complex switches and circuits) Design Brief: Change an existing product to suit a different function	Mechanisms (Pulleys or Gears) Brief: Design and make a Ferris wheel for a fairground

Mechanisms Coverage - Year 1, Year 2, Year 3, Year 6

Textiles Coverage - Year 2, Year 3, Year 5

Structures Coverage - Year 1, Year 2, Year 3, Year 5

Electrical control - Year 4, Year 6

Food - Year 1, Year 3, Year 5, Year 6

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