



	Autumn	Spring	Summer
EYFS	Joining techniques. Problem solving. Thinking about and discussing what they want to make.	Problem solving. Healthy foods/Likes and dislikes. Thinking about and discussing what they want to make. Construction.	Handling tools and choosing relevant materials. Problem solving. Looking at existing products to generate inspiration and conversation about design and designers. Team work to create ideas.
Year 1	Structures - Free standing structures	Mechanisms - Wheels and axles	Food
Year 2	Textiles	Mechanisms - Sliders and Levers	Food
Year 3	Mechanical Systems – levers and linkages (to include missed skills from Sliders and Levers.)	Textiles – 2D and 3D products	Food
Year 4	Electrical Systems	Shell Structures	Food
Year 5	Mechanical Systems - Pulleys and gears Electrical systems (catch-up from Year 4)	Structures - Frame Structures (to include skills missed from Shell Structures in Year 4)	Focus - Pulleys or Gears- Recognising that some mechanisms, including Pulleys and Gears allow a smaller force to have a greater effect. Link to Science.
Year 6	Electrical Systems	Textiles - fabric shapes	Food