

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Nursery	Food and Nutrition <u>Continuous provision</u> Construction play Creative play (indoors and outdoors)	Food and Nutrition <u>Construction provision</u> Construction play Creative play (indoors and outdoors)	Food and Nutrition <u>Construction provision</u> Construction play Creative play (indoors and outdoors)	Food and Nutrition <u>Continuous provision</u> Construction play Creative play (indoors and outdoors)	Food and Nutrition <u>Continuous provision</u> Junk modelling Construction play Creative play (indoors and outdoors)	Food and Nutrition <u>Continuous provision</u> Junk modelling Construction play Creative play (indoors and outdoors)
Development Matters	By the end of Nursery, the children will have had opportunities to explore different materials freely, in order to develop their ideas about how to use them and what to make. Develop their own ideas and then decide which materials to use to express them. Join different materials and explore different textures.					
Reception	Exploring Junk modelling <i>Can you tell me about your model?</i> <u>Continuous provision</u> Construction play Creative play	Cutting and Scissor skills <i>Can you use fine motor skills to correctly use the scissors?</i> <u>Construction provision</u> Junk Modelling Construction play Creative play	Food and Nutrition Pancake making <i>Can you describe the pancake and how it looks, feels, smells and tastes?</i> <u>Continuous provision</u> Junk modelling Construction play Creative play	Structures Boats <i>Can the pupils offer explanations as to why certain containers are better at floating or moving across the water?</i> <u>Continuous provision</u> Junk modelling Construction play Creative play	Food and Nutrition Making a rainbow salad <i>Can you talk about the importance of healthy eating?</i> <u>Continuous provision</u> Junk modelling Construction play Creative play	Evaluation and Presentation Dreamcatchers <i>Can you share a finished model and talk about the processes in its creation?</i> <u>Continuous provision</u> Junk modelling Construction play Creative play
ELG Expressive Art and Design	By the end of Reception, children will safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Children will share their creations, explaining the process they have used.					
Year 1	Mechanisms Sliders and levers <i>How can you make a picture move?</i>	Structures Freestanding structures <i>How can you stop a tower from toppling over?</i>	Food and Nutrition Exploring food senses <i>How does food affect your senses?</i>	Understanding Materials Selecting materials <i>Can you build with bread?</i>	Textiles Joining techniques <i>How can two squares of fabric keep you warm?</i>	Food and Nutrition Vitamins in food <i>Why are vegetables the best?</i>
Year 2	Textiles Exploring shape using a template <i>How can you repurpose an item of clothing?</i>	Food and Nutrition Nutrients and the body <i>What does healthy mean?</i>	Mechanisms Axles and wheels <i>Are bigger wheels always better?</i>	Understanding Materials Manipulating materials <i>How can you waterproof a hat?</i>	Food and Nutrition Processed food <i>How healthy is your food?</i>	Structures Developing strength in structures <i>How strong is a piece of paper?</i>
Year 3	Programming: Scratch	Computing Systems and Networks: Emails	Computing Systems and Networks: Journey Inside a Computer	Creating Media: Video Trailers	Data Handling : Comparison Cards Databases	Online Safety
Year 4	Food and Nutrition Ultra-processed food <i>What's really in your food?</i>	Mechanisms Hinges <i>How many ways are there to open a door?</i>	Textiles Fixings and fastenings <i>How do you keep a tea towel from slipping off a hook?</i>	Structures Designing structures using a frame to make them stronger and sturdier <i>Which shapes will give a structure stability?</i>	Electrical Systems Switches and circuits revisited <i>How useful are switches?</i>	Food and Nutrition Benefits of fresh food <i>Is cheap food always worse for you?</i>



Year 5	Food and Nutrition Food choices <i>Why are our diets so different?</i>	Systems Using technology to design and control <i>How can we keep ourselves safe on the road?</i>	Textiles Durability of fabric <i>Which fabric is ideal for creating a functional and hard wearing lunch bag?</i>	Mechanisms Pulleys and gears - transferring rotational force <i>How can you lift a car onto a roof?</i>	Structures Developing structures that are fit for purpose <i>How are frames strengthened, reinforced and made rigid?</i>	Food and Nutrition Cultural influences on diet <i>What can you learn from different cultures’ diets?</i>
Year 6	Food and Nutrition Multicultural influences on food <i>Can street foods save us?</i>	Mechanisms Pulleys and gears – rotary and linear movement <i>How do pulleys and gears let you see the world?</i>	Food and Nutrition Food and mood <i>Does food affect the way you feel?</i>	Structures Designing structures revisited – combining skills and knowledge <i>How strong is a piece of spaghetti?</i>	Electrical Systems Complex switches and circuits <i>Can switches perform more than one function?</i>	Textiles Sustainable materials <i>How can you reduce, recycle, repurpose?</i>