

Year group	Autumn	Spring	Summer
1	<p>In Year 1 Design and Technology, students will engage in hands-on activities to create play park equipment, fostering creativity and problem-solving skills. Through this project-based approach, they will develop an understanding of basic structural concepts while enjoying the practical application of their learning.</p>	<p>In Year 1 Design and Technology, students will explore mechanisms by designing and constructing sliding picture devices, promoting understanding of basic engineering principles in a fun and interactive way. Through this hands-on project, students will develop critical thinking skills and an appreciation for how simple mechanisms function in everyday objects.</p>	<p>In Year 1 cooking classes focusing on fruits, students will learn basic culinary skills while exploring the versatility of fruits in recipes. Through hands-on experiences such as slicing, dicing, and mixing, children will develop an understanding of food preparation techniques and the importance of using fresh, nutritious ingredients in their cooking.</p>
2	<p>In Year 2 cooking classes with a focus on vegetables, students will expand their culinary skills by learning various cooking methods and recipes centred around vegetables. Through hands-on preparation and cooking activities, children will develop an appreciation for the flavours, textures, and nutritional benefits of incorporating vegetables into their diets, fostering healthy eating habits from an early age.</p>	<p>In Year 2 Design and Technology (D&T), students will delve into the world of mechanisms by designing and constructing litter trolleys equipped with wheels and axles. Through this hands-on project, children will gain practical experience in applying engineering principles, problem-solving, and teamwork, while understanding how simple machines like wheels and axles facilitate movement and improve functionality in everyday objects.</p>	<p>In Year 2 construction projects focusing on sewing, students will create colourful hand puppets inspired by the "Colour Monster" character. This engaging activity not only hones their sewing skills but also encourages creativity and expression as they bring the character to life through fabric, stitches, and imagination. Through hands-on crafting, children develop fine motor skills and learn the basics of textile construction while fostering a love for storytelling and theatrical play.</p>
3	<p>In Year 3 Design and Technology (D&T), students will explore the principles of mechanisms through the creation of shadow puppets using levers and linkages. This hands-on</p>	<p>In Year 3 cooking classes centred on carbohydrates, students will learn to prepare flatbreads and potatoes, while also emphasizing the</p>	<p>In Year 3 construction projects focusing on picture frames, students will engage in hands-on activities to design and build their own frames using various materials</p>

	<p>project will not only deepen their understanding of how simple machines work but also encourage creativity as they design and manipulate puppets to cast dynamic and expressive shadows. Through this interdisciplinary approach, children will develop problem-solving skills, spatial awareness, and an appreciation for the intersection of science and art.</p>	<p>importance of understanding allergies and analysing ingredients. Through hands-on cooking experiences, children will not only develop their culinary skills but also learn to recognise allergens, make informed ingredient choices, and adapt recipes to accommodate dietary restrictions, promoting inclusivity and safe cooking practices.</p>	<p>and techniques. Through this creative endeavour, children will develop practical skills in measuring, cutting, and assembling while also expressing their artistic flair in decorating and personalizing their frames. This project encourages problem-solving, spatial awareness, and attention to detail, fostering a sense of accomplishment as students showcase their finished pieces.</p>
4	<p>In Year 4 Design and Technology (D&T), students will dive into the mechanics of hydraulics and pneumatics by designing and constructing machines powered by these systems. Through hands-on experimentation and construction, children will be gaining practical experience in engineering concepts as they build innovative hydraulic and pneumatic machines. This project encourages critical thinking, problem-solving skills, and collaboration, fostering a deeper understanding of how these mechanisms contribute to various applications in the real world.</p>	<p>In Year 4 cooking classes centred on exploring herbs and spices, students will embark on a culinary journey to incorporate these flavourful ingredients into both sweet and savoury dishes. Through hands-on cooking experiences, children will learn about the diverse world of herbs and spices, experimenting with different combinations to enhance the taste and aroma of their creations. This project not only enhances their culinary skills but also encourages creativity, cultural appreciation, and a deeper understanding of how herbs and spices can elevate the flavours of various dishes.</p>	<p>In Year 4 construction projects focusing on sewing, students will undertake the task of creating a Recycled School Jumper Teddy (RCFS). Through this hands-on project, children will not only learn essential sewing skills but also understand the importance of sustainability by repurposing materials and promoting eco-conscious practices. This project fosters creativity, problem-solving abilities, and a sense of responsibility towards the environment as students transform old school jumpers into cherished teddy bears.</p>