



Our Design and Technology Curriculum overview

EYFS Links	Year Group	Unit Title	Key Concept(s)	Big Idea	We are Designers when...
Children explored materials, used simple tools and experimented with different joining methods, creating early structures through purposeful play	Year 1	Kings and Queens – Structures	Structures; Function & Purpose	Castles are structures designed for strength, protection and stability.	we explore, plan, build and improve structures.
Children handled moving parts such as flaps and split pins and experimented with simple mechanisms in play-based models and minibeasts.		Step into Spring – Mechanisms	Mechanisms; Function & Purpose	Mechanisms help objects move in different ways.	we explore, plan and create products that include moving parts.
Children prepared simple snacks, handled food safely and tasted a range of fruits and vegetables using basic tools such as knives and peelers.		Water, Water Everywhere – Cooking & Nutrition	Cooking & Nutrition; Function & Purpose	Healthy foods help our bodies to grow and stay well.	we plan, prepare and evaluate nutritious food products.



<p>Children built simple models, explored how to strengthen and join materials, and created planned constructions such as bird feeders and shelters.</p>	<p>Year 2</p>	<p>Great Fire of London – Structures</p>	<p>Structures; Function & Purpose</p>	<p>Structures need to be strong, stable and fit for purpose.</p>	<p>we explore, plan, build and improve structures for real needs.</p>
<p>Children experimented with early forms of movement through split pins, sliders and construction kits, gaining experience with wheels and simple rotating parts</p>		<p>Victorians – Mechanisms</p>	<p>Mechanisms; Function & Purpose</p>	<p>Mechanisms allow products to move in controlled and purposeful ways.</p>	<p>we plan, build and improve moving products.</p>
<p>Children followed simple steps to prepare food, practised hygiene routines and selected tools to safely cut, peel and mix ingredients.</p>		<p>Healthy Me – Cooking & Nutrition</p>	<p>Cooking & Nutrition; Function & Purpose</p>	<p>Healthy eating helps our bodies stay strong and well.</p>	<p>we plan, prepare and evaluate nutritious dishes.</p>