



	AUTUMN	SPRING	SUMMER
EARLY YEARS	Structures, Mechanisms and Textiles		
	Children in EYFS are offered a range of opportunities to develop a range of skills in many strands of DT throughout engagement across all seven areas of learning. These align with guidance from 'Development Matters' (2023) and the Statutory Framework for the Early Years Foundation Stage (2023). The examples below are not exhaustive.		
	<p style="text-align: center;">Mechanisms</p> <p>Make a moving Easter egg card (and other cards) – hinge and lever mechanism Exploring different fastenings – (eg. nuts and bolts) Communicating correct technical vocabulary for different mechanisms and forces (eg. wheel, force, pull, push, up, down, wedge, slope, lever, axle)</p>	<p style="text-align: center;">Structures</p> <p>Constructing dens Using Lego and Mobilo to construct Providing a range of non-fiction books related to machines, vehicles, etc Graphical instructions for building block structures to support graphical communication</p>	<p style="text-align: center;">Textiles</p> <p>Sock puppets – (link with Literacy text – Bringing the Rain to Kapiti Plain) Weaving, lacing boards, sticking and cutting Exploring and understanding that there is different media that can be combined to create new effects</p>
Cooking and Nutrition			
Cooking and nutrition is covered throughout the year by linking with our half term topics. Weekly provision is planned to give children the opportunity to explore cooking and nutrition through teaching of the EYFS curriculum. For example in Reception children prepare and make fruit kebabs, in EYFS children learn about where food comes from and undertake exploration of food linking to celebrations and festivals, EYFS children explore measuring (standardised and non-standardised) and through imaginary play EYFS children might explore food for a party or dinner.			
YEAR 1	<p style="text-align: center;">Textiles</p> <p>Making puppets (link to English Beegu)</p>	<p style="text-align: center;">Structures and Mechanisms</p> <p>Make hats and moving Chinese new year cards (link to China topic)</p>	<p style="text-align: center;">Cooking and Nutrition</p> <p>Design, prepare and make a summer salad for a picnic (link to Science – Seasonal Changes - summer)</p>
YEAR 2	<p style="text-align: center;">Structures</p> <p>Designing and creating a structure</p>	<p style="text-align: center;">Mechanisms</p> <p>Designing and making a moving vehicle</p>	<p style="text-align: center;">Cooking and Nutrition</p> <p>Designing and making a healthy lunch box item (link with Science - Animals including Humans)</p>
YEAR 3	<p style="text-align: center;">Cooking and Nutrition</p> <p>Exploring the diet of Italians (link with History - where Florence Nightingale was born) Researching, designing and making fresh pasta</p>	<p style="text-align: center;">Textiles and Mechanisms</p> <p>Design and make a shoebox Ancient Rome cart with wheels and axles – linked to Primary Engineer project Use a range of textiles (mixed media) to decorate cart (linking to our Ancient Rome History topic)</p>	<p style="text-align: center;">Structure and Mechanisms</p> <p>Design and make an exploding volcano (linked to History and Geography topic - Tremors)</p>
YEAR 4	<p style="text-align: center;">Structure</p> <p>Research, design, make and evaluates Roman Mosaic floor design</p>	<p style="text-align: center;">Textiles</p> <p>Research, design, make and evaluate wings (links with Writing – Farther by Grahame Baker-Smith)</p>	<p style="text-align: center;">Cooking and Nutrition</p> <p>Design and make a healthy smoothie for breakfast. (Link to Science)</p>

YEAR 5	<p align="center">Mechanism</p> <p>Research ,design, make and evaluate pop – up books</p>	<p align="center">Cooking and Nutrition</p> <p>Making a healthy soup Healthy, seasonal and varied diets – design, make, evaluate and take into safety and hygiene considerations</p>	<p align="center">Structures</p> <p>Paper Mache Mask (link with Benin Kingdom)</p>
YEAR 6	<p align="center">Structures</p> <p>Structures that support weight. Christmas Decorations</p> <p>2024 -2025 – Electrical Systems – (design and make a light-up Christmas card for parents using a circuit)</p>	<p align="center">Cooking and Nutrition</p> <p>Healthy, seasonal and varied diets – design, make, evaluate and take into safety and hygiene considerations</p>	<p align="center">Electrical Systems</p> <p>Electronic card (design and make a light-up thank you card for parents using a circuit)</p> <p>2024-2025 – Structure - research and design different types of bridges (to be confirmed at a later date)</p>
<i>Notes</i>			