

Mayflower Skills Progression Map

DT New

Subject: DT		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Nursery		<i>Content: Design and make</i> Developing, planning and Communicating Ideas <i>Skills: Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.</i> <i>IDEAS: construct different types of furniture in the three bears house.</i> <i>RESOURCES: Building blocks, magnetic triangles</i>		<i>Content: Technical/Making</i> Work with tools, equipment, materials and components to make quality products. <i>Skills: Demonstrate that tools are used for a purpose. ie I can use scissors to cut, glue to stick, a shovel to dig.</i> <i>RESOURCES: shovel</i>		<i>Content: Design and make</i> Developing, planning and Communicating Ideas <i>Skills: Constructs with a purpose in mind, using a variety of resources.</i> <i>RESOURCES: Wooden planks, building blocks, lego, washers, wheels, sticks, axels, wooden discs</i>
	Reception						
KSI	Year 1		<u>Mechanism</u> Sliders Investigate: Uses of sliders in everyday life Design/Make/Evaluate: Product using simple slider mechanism	<u>Textiles</u> Printing on Fabric Investigate: Different ways of printing on fabrics Design/Make/Evaluate: Simple print design on a piece of fabric		<u>Cooking & Nutrition</u> Food Preparation Investigate: Different techniques used in food preparation e.g cutting, peeling. Design/Make/Evaluate: A simple dish that uses previously investigated skills to prepare	

	Year 2			<u>Mechanism</u> Wheels & Axels Recap: Sliders Investigate: Uses of wheels & axels in everyday life Design/Make/Evaluate: Product using simple wheels/axel mechanism	<u>Construction</u> Stability Investigate: What materials/structures are stable/unstable Design/Make/Evaluate: A stable structure		<u>Cooking & Nutrition</u> Nutrition Recap: Food preparation Investigate: Where food comes from and the key food groups Design/Make/Evaluate: A meal containing all the components of a balanced diet
Explore KS2	Year 3		<u>Mechanism</u> Levers Recap: Sliders, wheels, axels Investigate: Uses of levers in everyday life Design/Make/Evaluate: Product using simple lever mechanism	<u>Construction</u> Waterproofing Recap: Stability Investigate: Which materials/structures are waterproof Design/Make/Evaluate: A stable, waterproof structure		<u>Cooking & Nutrition</u> Taste Recap: Food preparation, nutrition Investigate: Different flavour profiles (e.g. sweet, sour) and how they combine. Design/Make/Evaluate: A simple dish with well matched flavour profiles	
	Year 4		<u>Mechanism</u> Pulleys Recap: Sliders, wheels, axels, pulleys, levers Investigate: Uses of in everyday life. Design/Make/Evaluate: Product using simple pulley mechanism	<u>Construction</u> Reinforcement Recap: Stability, waterproofing Investigate: How structures are reinforced for extreme weather conditions. Design/Make/Evaluate: A stable, waterproof structure that can withstand excessive force.		<u>Cooking & Nutrition</u> Seasonal Foods Recap: Food preparation, nutrition, taste Investigate: Seasonal foods in different countries. Design/Make/Evaluate: A simple dish containing seasonal ingredients	

	Year 5		<u>Mechanism</u> Circuits, Bulbs, Switches Investigate: Uses of circuits, bulbs & switches in everyday life. Design/Make/Evaluate: Simple circuit mechanism		<u>Textiles</u> Sewing & Weaving Recap: Printing on fabric Investigate: Different ways in which clothing is made Design/Make/Evaluate: A simple woven/sewn accessory or item of clothing		<u>Cooking & Nutrition</u> Food Alternatives Recap: Food preparation, nutrition, taste, seasonal foods Investigate: Different allergies & dietary requirements Design/Make/Evaluate: A simple dish for an audience with a specific allergy/dietary requirement.
	Year 6		<u>Mechanism</u> Motors Recap: Circuits, bulbs, switches Investigate: Uses of motors in everyday life Design/Make/Evaluate: Simple mechanism involving a motor	<u>Textiles</u> Clothing Design Recap: Printing on fabric, sewing & weaving Investigate: How clothes are designed for target audiences Design/Make/Evaluate: A design for an item of clothing for a target audience.		<u>Cooking & Nutrition</u> Catering Recap: Food preparation, nutrition, taste, seasonal foods, food alternatives Investigate: Which foods are easier to prepare in bulk Design/Make/Evaluate: A catered event with seasonal food for an audience with certain dietary requirements.	