



**Design Technology
Cycle B**

	EYFS	Year 1 and 2	Year 3 and 4	Year 5 and 6
Autumn 1	<p>Making Bread and Mini Me Mechanism Topics</p> <p><u>Cooking and Nutrition</u></p> <p>I know how to work safely and hygienically.</p> <p>I know how to use non-statutory measures e.g. spoons/cups.</p>		<p>Sparks Might Fly!</p> <p>Electric circuits – design/make a product using circuits – bulb and/or buzzer</p>	
Autumn 2	<p>I know how to use some techniques e.g. mix, spread, knead</p> <p>I know about healthy choices in relation to eating</p> <p>I know about the importance of a healthy diet</p> <p><u>Make</u></p> <p>I know how to use a variety of materials, tools and techniques, experimenting with form and function</p> <p>I know about different techniques for joining materials, such as split pins</p>			

	<u>Technical Knowledge</u> I know how items can be combined and changed			
Spring 1	3D Structures – Rocket and making a bug hotel <u>Design: Developing, Planning and Communicating Ideas</u> I know how to use materials, thinking about uses and purposes <u>Make</u> I know about different	Explorers Mechanisms - wheels and axles		Heroes and Villains Design a healthy and nutritious meal for a purpose.
Spring 2	techniques for joining materials, such as how to use adhesive tape and different sorts of glue I know how to represent and construct my own ideas, thoughts and feelings through design <u>Technical Knowledge</u> I know how to select appropriate resources	The Farm Shop Food - the eatwell plate, where food comes from, principles of a healthy diet	Passport To Europe Textiles/ Joining/ Sewing 2D materials used to make a 3D end product Children make a passport or document holder	
Summer 1	Cross stitch / Sewing <u>Design: Developing, Planning and Communicating Ideas</u> I know I can discuss my work as it progresses.	Wind in the Willows Textiles - using a template, simple joining, choice of stitches, choice of materials		Oh! I Do Like To Be Beside The Seaside A fairground ride with movement or a safety barrier for a railway line.

	I know about and discuss what I want to make.			
Summer 2	<u>Make</u> I know how to use a range of materials and tools with care and precision <u>Evaluate</u> I know what I like and dislike about my creation I know how to adapt my work <u>Technical Knowledge</u> I know the names of tools needed to work the materials e.g. needle		Hunted DT – FOOD Linked to shipwrecked explorer- foods available – fruit/veg Design and make a stew or Fruit salad	Oh! I Do Like To Be Beside The Seaside A fairground ride with movement or a safety barrier for a railway line.