

Year 5 Technology				
	Autumn	Spring 2.1	Spring 2.2	Summer
		Cookery-Healthy Choices	CAMs Moving Toys	
(knowledge)		<p>Study healthy eating options with links to science unit taught.</p> <p>Children read about and do research on recipes for a packed lunch.</p> <p>Children research and plan shopping list for healthy menu: smoothie, salad, soup, fruit mix, sandwiches.</p> <p>Children must participate in making 5 items.</p>	<p>A cam mechanism is made up of three components: a cam, slider and follower. The mechanism causes components to move. Cams can be made out of metal, plastic or wood.</p> <p>There are different types of cams which create different movements: round, egg shaped, ellipse, eccentric, hexagon, snail</p> <p>The eccentric cam rotates as it fixed to the axle which is turned by the handle.</p> <p>The 'toy' model has a linear and rotary movement caused by the eccentric cams and followers.</p>	
(skills)		<p>To Master Practical Skills Food</p> <p>Prepare ingredients hygienically using appropriate utensils.</p> <ul style="list-style-type: none"> • Measure ingredients to the nearest gram accurately. • Follow a recipe. • Assemble or cook ingredients (controlling the temperature of the oven or hob, if cooking). 	<p>Material</p> <ul style="list-style-type: none"> • Cut materials with precision and refine the finish with appropriate tools (such as sanding wood after cutting or a more precise scissor cut after roughly cutting out a shape). • Show an understanding of the qualities of materials to choose appropriate tools to cut and shape (such as the nature of fabric may require sharper scissors than would be used to cut paper). <p>Construction</p> <ul style="list-style-type: none"> • Develop a range of practical skills to create products (such as cutting, drilling and screwing, nailing, gluing, filling and sanding). <p>To design, make, evaluate and improve</p> <ul style="list-style-type: none"> • Design with the user in mind, motivated by the service a product will offer (rather than simply for profit). • Ensure products have a high quality finish, using art skills where appropriate. 	
Key Vocabulary		Moderation	Construct Product Eccentric Cam Rotary	
Links				