

St Kentigern's R.C Primary School	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Nursery	Structures Creating homes Join materials with support.			Structures Creating habitats Discuss different animal homes. Join materials with support.	Food Fruit kebabs Healthy food choices- fruits.	Mechanisms Moving vehicles Split pin animals Use split pins to make moving body parts for animals.
Reception		Food Gruffalo Cakes Healthy food choices- teeth. Changing states of matter, solid to liquid. Using utensils to prepare.	Structures Create a vehicle Discuss parts of vehicles and shapes. Join and measure with support.		Food Veg Soup Healthy food choices- vegetables Cut and peel vegetables with support.	Mechanisms Sliders and levers Split pin fish Make a simple moving ocean picture.
Y1	Mechanisms Sliders and levers Use and make sliders and levers		Structures Freestanding structures - chair for Barnaby Bear Describe differences in materials Join and measure with support British-Nigerian designer - Yinka Ilori		Food Seaside picnic – fruity salad Discuss how fruit and vegetables are healthy Peel and grate with support	
Y2	Textiles Templates and joining techniques – hats Measure textiles Join a textile with simple stitching Cut materials British BAME designer – Benny Andallo		Food Fruity Rice Pudding Explain there are groups in the Eat Well Plate Describe 5 a day Cut, peel and grate with support guides		Mechanisms Horology project with Primary Engineer!	
Y3	Food European Bread Begin to understand where food comes from and where it is in Balance of Health Plate		Mechanical Systems Levers and linkages Use and make levers and linkages to create movement		Shell Structures Creating a structure (using CAD) Make a strong, stiff structure Measure carefully	

	Prepare and cook dishes Grow in confidence chopping, slicing, grating, mixing, spreading, kneading, and baking		Choose suitable materials		Improve mistakes in construction Begin to use computers to design Indian Female Architect - Chitra Vishwanath	
Y4	<u>Food</u> <u>European Salads</u> Describe and link diet, balance and Eat Well Plate to recipes Use savoury ingredients Use a range of independent cooking techniques Black-British plant-based chef – Shanice Bryce		<u>Textiles</u> <u>Crown head stitching</u> Join different materials/textiles in different ways Choose different materials considering appearance and functionality Black-British female designer – Grace Wales Bonner		<u>Simple Programming and control</u> <u>Circuits and switches</u> Use a number of products in a circuit Begin to use a computer to support To make nightlights	
Y5	<u>Food</u> <u>Breads of the world - savoury</u> Explain how recipes can be adapted to suit preference, aroma and appearance Use a range of independent cooking techniques Write own recipes Use and prepare savoury ingredients British-Bangladeshi baker – Nadiya Hussain		<u>Structures</u> <u>Frame Structures (using CAD)</u> Select materials carefully to consider product and appearance Ensure product is strong and fit for purpose Measure accurately Use computer aided-designs as the design step First African woman to be awarded Fellowship of the Institution of Civil Engineers – Trudy Morgan		<u>Mechanical Systems</u> <u>Pulleys and gears</u> Use and make pulleys and gears to create movement Refine a product after trying ideas and testing Create a CAM to make movement	
Y6	<u>Textiles</u> Combining different fabric shapes (using CAD) - purses		<u>Mechanisms</u> Horology project with Primary Engineer!		<u>Food</u> Preparing food for an EOY celebration Explain seasonality of food	

	Think about users needs when choosing materials Make a strong and attractive product Use a range of joining and stitching techniques Combine shapes Nigerian-Indian British Female designer – Priya Ahluwalia				Prepare and cook a variety of savoury dishes Use a range of independent cooking techniques Adapt recipes to suit preference, aroma and texture Write own recipes	
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