



Subject Sequencing Design Technology

	How is bread made? How is shortbread made?										
2	Researching designer – Jeeps History of company and jeeps. Why jeeps were made?	Looking at different vehicles and how they are constructed/ what their purpose is.	How vehicles move – axles – focused tasks making axles.	Designing a vehicle, Jeep, for a particular purpose.	Making a chassis and an axle for wheels.	Complete design	Evaluate design				
3	What are the ingredients found in soup? What are the nutritional values? What may have been in soups/ stews in the stone age? Many of our veg were not available.	Looking at recipes using vegetables. What is a soup? Tasting different soups using ingredients from the stone age: lentils, beans, nettles... Stone age did not have our common veg! Evaluating.	What are the ingredients found in soup? Where do the ingredients come from? How are they grown?	What is a healthy and varied diet?	What tools do we use to prepare soup? Knives, grater, spoon, bowl, pans. Children design recipes based on a design brief. Draw a diagram and write out the recipes ready for presentation.	Children present ideas and recipes to others using labelled diagram and recipe.	Making soup – food preparation rules. Safety guidance for using tools. Evaluating soups	Writing up evaluations and making improvements			
3	Moving fairground rides: Investigating rides and how they work -	Moving fairground rides: What control systems are	Moving fairground rides: How drive belts work.	Moving fairground rides: Designing a ride with either	Moving fairground rides: Make and evaluate.						



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	pulley systems, gears, cogs, drive belt	used in every day life?	What an axle is.	horizontal rotation (roundabout)							
4	Construction: Making a Pharaoh Throne Investigating thrones and special chairs through time.	Construction: Making a Pharaoh Throne How thrones are designed and what meanings they have.	Construction: Making a Pharaoh Throne Joining materials in different ways for strength. Butt, mitre, halving, housing	Construction: Making a Pharaoh Throne Designing a throne for a purpose. Who is it for? Where will it be? What materials will be used? What joints will be used to make them?	Construction: Making a Pharaoh Throne Experimenting with joining wood using the different joints – using tools and discuss purpose.	Construction: Making a Pharaoh Throne Making the thrones.	Construction: Making a Pharaoh Throne Evaluating the thrones.				
4	What makes a great brunch?! Look at healthy options for mid – morning meals. What makes a good snack?	Look at omelettes – how are they made and what popular ingredients do omelettes tend to have in them?	Designing own omelette based on a brief: children, dinner party etc..	Make omelette and evaluate against brief.							
5	Anglo – Saxon Feasts: Was the Anglo Saxon diet healthy and balanced?	Anglo – Saxon Feasts: Main elements - Bread. Different types of bread and tasting them.	Anglo – Saxon Feasts: How is bread made? Where do the ingredients come from and how are they grown/ processed now and in the past.	Anglo – Saxon Feasts: Designing bread for an Anglo – Saxon feast. Using annotated diagrams writing a recipe	Anglo – Saxon Feasts: Presentation day. Present ideas to class and take feedback.	Anglo – Saxon Feasts: Making bread. Tasting and scoring.	Anglo – Saxon Feasts: Bread packaging – What makes it appealing?				
5	Building Bridges:	Building Bridges: Making structures strong – building	Building Bridges:	Building Bridges:	Building Bridges:						



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	What do we use bridges and what are the most common bridges built around the world? Who designed them?	towers and bridges to carry a load: STEM lesson	Beam bridges – where are they built and what are there components.	Children test different bridge designs and discuss how effective they are at carrying a load.	Children design and build a bridge to a specific brief. Evaluate effectiveness and discuss improvements.						
6	Microbit: Volcanic Animations Understanding decomposition and using it to create a dance with flip animation	Microbit: Volcanic Animations The importance of repetition. Writing simple flowchart algorithms.	Microbit: Volcanic Animations To decompose a sequence into parts. Construct a flowchart algorithm.	Microbit: Volcanic Animations To follow an algorithm correctly. To test and debug a program.	Microbit: Volcanic Animations To evaluate and review learning.						
6	Ration recipes: How did people survive? What was included in these recipes?	Economising today.. What are cost – effective recipes that people used today? Why? Nutritional value of pasta.	Popular pasta dishes – why are they popular? What are the key ingredients usually used in a pasta dish? Why?	Designing own perfect pasta dish for an audience: Young children Dinner party Sports person	Making and evaluating dishes.						