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Year Group										
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EY	Making a house	Making festival	What happens							
	for the 3 little	foods.	when materials							
	pigs	Food groups	are changed?							
	Properties of	Where food	How do we							
	different	comes from	change them?							
	materials	Tools to prepare								
	Attaching	food								
4	materials	Hygiene	Making Haaltha	Making Haaltha	Making Haaltha	Making Haalth				
1	Making Healthy Cereal Bars:	Making Healthy	Making Healthy Cereal Bars:	Making Healthy Cereal Bars:	Making Healthy Cereal Bars:	Making Healthy Cereal Bars:				
	Research	Cereal Bars: Identifying	Taste testing!	Designing a bar	Food	Making the cereal				
	Kelloggs and	different	raste testing:	with ingredients	preparation –	bars				
	taste test	ingredients in		with highedients	health and	And evaluating				
	different bars.	cereal bars.!			safety/ hygiene.	And Evaluating				
1	Research	Moving Books:	Moving Books:	Moving Books:	Moving Books:	Presentation of	Moving Books:			
-	designer of	Children	How the	Make the	Design and	completed book	Mathod and			
	moving books –	investigate pop	mechanisms	moving book	make the cover	with moving	evaluate books			
	Lothar	up books and	work:	using the 3	page for the	mechanisms	evaluate books			
	Meggendorfer	moving pictures.	Wheel, lever,	mechanisms.	book using ICT	Inccianisms				
	Wieggendoner	How do they	slider	Thechanisms.	(Sketches					
		move? Why do	Make a		school app)					
		we have them?	prototype of		Series: app,					
		What are their	each							
		opinions?	mechanism							
2	DT Burst:	DT Burst:								
	What types of	Experience Day								
	bread and	Baking – Bread								
	short bread	and shortbread								
	are there?	Hygiene and								
	are there:									
		food safety								



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	How is bread										
	made?										
	How is										
	shortbread										
	made?										
2	Researching	Looking at	How vehicles	Designing a	Making a	Complete	Evaluate design				
	designer –	different	move – axles –	vehicle,	chassis and an	design					
	Jeeps	vehicles and	focused tasks	Jeep, for a	axle for						
	History of	how they are	making axles.	particular	wheels.						
	company and	constructed/		purpose.							
	jeeps.	what their		parpose.							
	Why jeeps	purpose is.									
	were made?	purpose is.									
	were made:										
3	What are the	Looking at	What are the	What is a	What tools do	Children	Making soup –	Writing up			
	ingredients	recipes using	ingredients	healthy and	we use to	present ideas	food	evaluations and			
	found in	vegetables.	found in	varied diet?	prepare soup?	and recipes to	preparation	making			
	soup? What	What is a soup?	soup?		Knives, grater,	others using	rules.	improvements			
	are the	Tasting different	Where do the		spoon, bowl,	labelled	Safety guidance	Improvements			
	nutritional	soups using	ingredients		pans.	diagram and	for using tools.				
	values?	ingredients	come from?		Children	recipe.	Evaluating				
	What may	from the stone	How are they		design recipes	i corpe.	soups				
	have been in	age: lentils,	grown?		based on a		3000				
	soups/ stews	beans, nettles	g. 0		design brief.						
	in the stone	Stone age did			Draw a						
	age? Many of	not have our			diagram and						
	our veg were	common veg!			write out the						
	not available.	Evaluating.			recipes ready						
					for						
					presentation.						
3	Moving	Moving	Moving	Moving	Moving						
	fairground	fairground	fairground	fairground	fairground						
	rides:	rides:	rides:	rides:	rides:						
	Investigating	What control	How drive	Designing a	Make and						
	rides and how		belts work.	ride with	evaluate.						
		systems are	Deits WUIK.		Evaluate.						
	they work -			either							



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



	Frimary Academy							
	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 decpmpose a sequence into parts. Construct a flowchart algorithm.	Microbit: Volcanic Animations To follow an algorithm correctly. To test and de – bug 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.			