

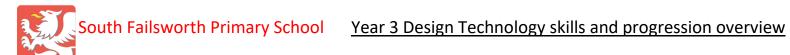
Topic	Key knowledge / skills	DESIGN Developing, planning and communicating ideas	MAKE Working with tools, materials and components to make quality products.	EVALUATE Evaluating processes and products
Mechanisms Moving picture	To work accurately to make cuts and holes.	Research similar existing products and use this knowledge to create success criteria. Begin to research others needs and	Select the most appropriate materials and tools for their product and explain their choices. Work through their plan in order.	Discuss existing products considering: use, materials, how they work, audience.
	To be able to join materials effectively.	requirements. Describe the purpose of their product.	Begin to work with some accuracy to make joins and cut holes.	Evaluate existing products to establish successful features.
	To use equipment and tools accurately.	Show that their design meets a range of requirements.	Begin to join materials effectively. Begin to use equipment and tools with	Discuss and investigate other designers and well-known products.
	measure, mark out and cut materials/ components with some accuracy.	Explain how their product will work. Describe their design using an accurately labelled sketch and words, including	some accuracy. Begin to measure, mark out and cut materials/components with some	Look at success criteria while designing and making. Explain what they changed which made their design even better and explain their reasons for this.
		details of the linkage. Create a realistic and accurate plan.	accuracy. Begin to assemble, join and combine	
		Consider what actions they could take to improve their plan.	materials and components with some accuracy. Ensure that linkages work effectively.	
			Ensure that their product is aesthetically pleasing.	

Additional Vocabulary

linkages, cuts, materials, accuracy, plan, design, evaluate, assemble, realistic

Resources

card, scissors, colouring pencils, felt tips, glue, sellotape





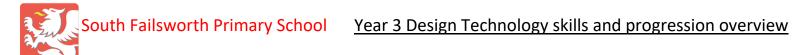
Topic	Key knowledge / skills	DESIGN Developing, planning and communicating ideas	MAKE Working with tools, materials and components to make quality products.	EVALUATE Evaluating processes and products
Food Technology Vegetable soup	To be able to carefully select ingredients. To be able to use equipment safely. To begin to understand food comes from UK and the wider world. To be able to describe how a healthy diet needs to be varied and balanced. To be able to prepare and cook some dishes safely and hygienically. To grow in confidence using some of the	Try different types of soups and use this knowledge to create a success criteria. Design a product for somebody else using their opinions to inform the outcome. To create a plan which shows the steps, equipment and tools needed to create the product. To be able to select an appropriate addition ingredient. Make a sensible choice about which tools they need to use to make their product. Explain their choices depending on characteristics.	Select appropriate tools which are fit for purpose. Use some of the following techniques: peeling, chopping, slicing, grating, mixing, spreading, kneading and baking. Work through plan in the correct order. Make suggestions as to what I need to do next if something does not go as planned. Work safely and hygienically with the equipment.	Evaluate existing products, considering: how well they have been made, materials, whether they work, how they have been made, fit for purpose. Use design criteria to evaluate finished product. Talk about what I would do differently if I were to do it again and why. Learn about a famous chef and what their contribution has been to the cooking industry. Talk about how they worked safely whilst making the product.
	following techniques: peeling, chopping, slicing, grating and mixing.	To have knowledge of how each food group helps your body and use this knowledge to choose appropriate ingredients.		

Additional Vocabulary

grate, mash, peel, heat, sourced, healthy and varied diet, savoury, sweet

Resources

knife, chopping board, ingredients, pan, spoon





Topic	Key knowledge / skills	DESIGN Developing, planning and communicating ideas	MAKE Working with tools, materials and components to make quality products.	EVALUATE Evaluating processes and products
Structures	To understand what	Research similar existing products	Select tools and techniques for	Explore, develop and communicate
	makes a structure	and use this knowledge to create	making their product.	design proposals by modelling ideas.
Nativity Scene	stable.	success criteria.		
,	To begin to understand what	Use product research to inform them as to how structures can be	Measure, mark out, cut, score and assemble components with accuracy.	Disassemble and evaluate familiar products.
	makes an individual	made stable.		Evaluate their product against the design
	structure stand		Work safely and accurately with a	criteria.
	upright.	Put together a step-by-step plan	range of tools.	
		which shows the order it should be		Talk about what I would do differently if
	To work accurately to make cuts and holes.	made in, and what equipment and tools they need.	Think about their ideas as they progress and be willing to change things if this helps them improve	I were to do it again and why.
	To be able to join	Explain how their product will	their work.	
	materials effectively.	remain stable using diagrams.	6	
			Use finishing techniques to	
	To be able to measure, mark out and cut	Create a realistic and accurate plan.	strengthen and improve the appearance of their product using a	
	materials/components		range of decorative touches e.g. ICT,	
	with accuracy.		sequins, paints and cladding.	
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Additional Vocabulary

materials, accuracy, stable, strong, secure, assemble

Resources

a variety of card, scissors, felt tips, cardboard, wooden lolly pop sticks