

Design Technology Overview 2022 - 2023

	Autumn 1	Autumn 2	Spring 1		Spring 2	Summer 1	Summer 2
Reception	DT – Food A Balanced Diet (Happy Healthy Me)	DT – Mechanisms Pop Up Christmas Card or Kapow's Sliding Santa Chimneys (children's voice)	DT – Food Pancakes (Mr Wolf's Pancakes)	Whole school Textiles inspired Mothers Day project (previously funded by Friends of Castor School – each child has £1 to create a gift)	DT – Food Stir Fry (Chinese New Year)	DT – Structures Kapow's Junk Model Workshop (Space Rockets)	DT - Structures Kapow's Boats: Floating or Sinking? (Pirates)
Year 1	Art	DT – Food Kapow's 'Fruit and vegetables' Pumpkin Soup	Art		DT – Structures Kapow's 'Constructing a windmill' building on Sculptures Spring 1 art project.	Art - TBC	DT – Emily to choose between a Mechanisms unit (Kapow's 'Making a moving story book') or a Textiles unit (Kapow's 'Puppets') to tie into Year 1 summer topic. There is a similar Year 5 Mechanisms unit on pop-up books if classes want to work collaboratively?
Year 2	Art	<u>Topic: Real Life Heroes</u> DT - Textiles (Island home) Kapow's 'Pouches' (AH)	<u>Topic: Great Fire of London</u> DT – Structures Adapt skills and progression from Kapow's 'Baby Bear's Chair' unit to make medieval buildings. (LG)		<u>Topic: Nocturnal Animals</u> DT – Mechanisms Kapow's 'Making a moving monster' (tie into nocturnal animal topic) (LG)	Art	<u>Topic: Seaside</u> Art Additional small DT unit - Food and Nutrition Cake Sale for RNLI
	Food and Nutrition in Year 2 homework grid – see Kapow for Year 2 food ideas to tie in						
Year 3		DT - Textiles Kapow's 'Cross-stitch and applique' Egyptian collar (tie into history topic)		Whole school Textiles inspired Mother's Day project (previously funded by Friends of Castor School – each child has £1 to create a gift)	DT – Food Kapow's 'Eating seasonally'		DT – Mechanical Systems Kapow's 'Pneumatic Toys' (tie into science forces and magnets unit)

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Year 4	<u>Topic: Roman Empire</u> 	<u>Topic: Roman Britain</u> Art (x3 weeks) (AH) DT – Structures Kapow's 'Pavilions' (tie into history to build 'Roman fortresses') (Taught in the last week of term by NB)	<u>Topic: Earthquakes</u> Art (x3 weeks) (AH)	Whole school Textiles inspired Mother's Day project (previously funded by Friends of Castor School – each child has £1 to create a gift)	<u>Topic: Rivers</u> Art (x3 weeks) (AH) DT - Electrical Systems Kapow's 'Torches' (tie into science electricity unit) (Taught in the last week of term by NB)	<u>Topic: Romans in Castor</u> Art (x3 weeks) (AH)	<u>Topic: Coastal Processes</u> Art (x3 weeks) (AH) DT – Mechanical Systems Kapow's 'Making A Slingshot Car' (tie into Roman defences) (Taught in the last week of term by NB)
Food and Nutrition in Year 4 homework grid – see Kapow for ideas							
Year 5	Art	<u>Topic:</u> DT – Textiles Kapow's 'Stuffed toys' - could this be linked in with a Christmas themed brief? (AB)	Art	Whole school Textiles inspired Mother's Day project (previously funded by Friends of Castor School – each child has £1 to create a gift)	<u>Topic:</u> DT – Food and Nutrition Kapow's 'What could be healthier?' Choose a recipe based on the class context that can be adapted by the children and healthier choices subsidised (AB)	Art	<u>Topic:</u> DT – Mechanical Structures Kapow's 'Pop-up book' (AB)
Year 6	Art	<u>Topic:</u> DT – Structures Kapow's 'Automata toys' (tie in with history topic)	Art	Whole school Textiles inspired Mother's Day project (previously funded by Friends of Castor School – each child has £1 to create a gift)	<u>Topic:</u> DT – Electrical Systems Kapow's 'Steady hand game' (tie into science electricity unit and Teach Computing's 'Variables in Games' unit)	Art	<u>Topic:</u> DT - Digital World Kapow's 'Navigating the world' (utilising Teach Computing's 'Programming' unit with Microbits whilst these loaned physical computing devices are in school)
Food and Nutrition in Year 6 homework grid – see Kapow for ideas							

All classes for the KAPOW Design Technology Scheme of Work