Walkwood
Church of England Middle School

Art & Technology

Year 7 — 2 double lessons per fortnight

	Wk	Topic	Learning Aims	Assessment
Rotation: Resistant Materials	1	**Links and Levers Alien Invasion**	Explore a task and investigate what the product will be for. Carry out research to gather ideas for the product. Consider different designing and making options. Produce a selection of design ideas. Select and modify designs. Understand the constraints that must be considered when designing and making. Write a detailed design specification and be able to evaluate work against it. Work safely and independently with tools and materials. Produce quality products. Evaluate products and processes and suggest improvements. *Key vocabulary* link, lever, pivot, movement, annotate, dowel, MDF, investigate, evaluate, refine, model, alien, fasten	Pupil Trackers used termly to track progress and set targets
	2			
	3			Peer assessment model making
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	5			
	6			
	7			Teacher assessment design work
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	10			
	11			
	12			
	13			Self & teacher assessment
Rotation: Food	1	**Cooking for all**	Explore different types of foods. Work safely and hygienically with food. Understand nutrition and make sensible lifestyle choices. Prepare a range of meals Take on the Dragons Den Challenge. *Key vocabulary* hygiene, bacteria, ingredients, vegetables, fibre, protein, constraint, vegetarian, nutritional, recipe -	Pupil Trackers used termly to track progress and set targets
	2			
	3			
	4			
	5			English writing evaluation. Assessment for learning feedback sheet.
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	7			
	8			
	9			Peer assessment of soup marketing
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	11			
	12			
	13			Self & teacher assessment
Rotation: Art	1	**Under the sea**	Identify, recall and discuss facts about the great barrier reef through research, quiz and table teams. Explore and recognise through research how jelly fish play an important role in marine life. Observe various jelly fish using specialist ink and biro and zentangle application skills. Explore and recognise how Octopus play an important role in marine life and create research of Octopus facts and produce leading observations applying the scraffitto technique. Produce a design sheet for own coral reef, proposing jobs and building roles to table team members. Explore and experiment with different materials to create a coral reef. Demonstrate confidence when applying 3D processes and techniques. Record photos of the 3D coral reef to present in sketchbooks. Produce an observational drawing from the best photo taken. Evaluate processes, techniques and final outcomes. Key vocabulary: *Aquatic life, observations, jelly fish, Octopus, ink and biro illustrations, zentangle patterns, Scraffito technique Artist studies , 3D coral reef, collaboration, processes and techniques, media and materials,.*	
	2			
	3			
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	5			
	6			End of half term assessment
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	12			Learning Journal (Teacher assessment).
	13			

Year 8 — 2 double lessons per fortnight

Topic	Learning Aims	Assessment
Fantasy Clocks	Recognise the importance of working safely. Understand the need for and be familiar with risk assessment when working with tools, materials and machinery. Identify the consumer when designing. Produce a design specification that states what a consumer requires from a product. Develop annotated design work that explains how a product will be made. Develop detailed plans to work from that can be changed as needed. Measure, mark out, cut and smooth materials accurately for a good quality finish. Use CAD/CAM to produce lettering and numbers. Evaluate products and suggest improvements. *Key vocabulary* magical, abstract, fantasy, myth, legend, surrealism, plastic, Hegner saw, mechanism, movement, MDF, vinyl, processes, genre, generating, customer, specification, themes, manufacture, time, clock.	Pupil Trackers used termly to track progress and set targets
		Teacher assessment Tag design and make task
		Self & teacher assessment
Have you got the energy?	Extend knowledge of safe food storage and food preparation. Understand what contributes towards a healthy diet. Realise the difference between simple and complex carbohydrates. Use understanding of carbohydrates to prepare family meals. Evaluate products and suggest improvements. *Key vocabulary* carbohydrate, nutritional, economics, bio-degradable, marketing, sustainability, diabetes, obesity, coeliac, promotional, advertising	Pupil Trackers used termly to track progress and set targets
		English writing evaluation. Assessment for learning feedback sheet.
		Peer assessment of Travel guide
		Self & teacher assessment
Ready Steady Rodents!	Identify, recall and discuss, the life of a small rodent through research methods and class quiz. Produce several rodent observations, using different drawing media and techniques. Explore and experiment using mono-printing techniques, to produce several artists inspired observations. Create a character design of own rodent with confidence. Recall, discuss and demonstrate what goes into an initial idea and design through producing a design sheet. Practice and produce 2 stitching techniques- running stitch and overcast stitch. Apply textile building skills to construct own 3D rodent. Support peers with needle threading and sewing techniques to improve skills. Showcase (photo shoot), analyse and evaluate progress of final outcomes. Key vocabulary: *All types of rodents, observations, tonal techniques, colour blending, scale and proportion and mapping out, mono printing, artist study, character design, initial ideas, running stitch and overcast stitch, fabric scissors, wadding, felt, glue gun, 3D construction*	
		End of half term assessment
		Learning Journal (Teacher assessment).