

Abbey Academies Trust- DT Coverage

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	Eco Shape cape—recycling, reusing materials to create a Superhero cape Cereal Tasting	'Don't Hog the Hedge' - Woodwork with Mr Pateman—Design and make a hedgehog house out of eco materials to protect our wildlife.	2D/3D Junk modelling farm machinery/ animals—Designing and making machinery and animals to be used by Old MacDonald in his farm.		Making a parachute out of recycling— Design and make a parachute for Tinkerbell in the story of Peter Pan. Making a pizza treasure map to show where the treasure is hidden.	Boat making linked to Noah's Ark— Design and make a boat to help save the animals.
Year 1	POAP—Structures: Freestanding structures Topic link—Design and make a new bridge for the Three Billy Goats Gruff as the old bridge is blocked by the troll		POAP—Food: Preparing fruit and veg Topic link—Design and make a salad for a Spaceman to eat on his return/to take on his journey (fresh vs dried ingredients)		POAP—Textiles: Templates and joining techniques Topic link— Design and create a Peruvian blanket for Paddington Bear who is homesick	
Year 2	POAP—Mechanisms: Wheels and axels Topic link—Design and make a vehicle for Mr Gumpy		WORLDS BEST OUTFIT Topic link—Design and make a new wetsuit for Traction Man for his brand new adventure	POAP—Food: Preparing fruit and veg / Healthy and varied diet Topic link—Design and make a tasty new sandwich for Mr Grinling because the seagull stole hi		
Year 3		POAP—Food: Healthy and varied diet Topic link—design and make mahshi for an Egyptian God		POAP— Mechanical systems: Pneumatics Topic link—Design and make fairytale characters with moving parts as merchandise for own fairytale		POAP—Textiles:: 2D to 3D shapes Topic link—Design and make a new outfit Oompa Loompa/own character created in English
Year 4		POAP—Food Healthy and varied diet/ celebrating culture and sseasonality Topic link—design and make own recipe pottage for the 'soldiers' returning home from battle		POAP—Structures: Shell structures using CAD Topic link—Design and make an eco-home for Nim and her dad after theirs is destroyed in a storm—which will they choose?		POAP—Electrical systems: simple circuits / switched Topic link—Design and make a source of light for Hiccup to use in the new How To Train Your Dragon series
Year 5		MARBELLOUS STRUCTURES Topic link—Design and make a working bascule bridge inspired by Brunel which incorporates working mechanisms to raise and lower a platform		POAP— Food: Celebrating culture Topic link—Design and make a new Creceian recipe in order to gain an understanding of the food eaten at the time		POAP—Mechanical systems: Pulleys or gears Topic link— Design and make a remotely controlled Moon buggy to be used in the next mission
Year 6		POAP—Textiles Combining fabric shapes Topic link—Design and make a Christmas stocking for someone special				POAP—Seasonal Cookery: Seasonal Cookery Topic link—Design and make a salad for a school trip