

Design and Technology Curriculum Map



EYFS

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	How can you be a good friend?	What makes it winter?	Why are houses made of bricks?	What are the signs of Spring?	How do things grow?	What are mini-beasts?
	<i>Mechanics</i>		<i>Structure</i>	<i>Textiles</i>	<i>Food Technology</i>	<i>Food Technology</i>
	Explore and evaluate cars		Construct a house for the Three Little Pigs	Stitching fabric to make egg cosies (Links to Art & Design)	Making Goldilocks porridge	Making a refreshing fruit salad



Year 1

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>What's going on outside the academy gate?</i>	<i>Why did granny not have a Play Station?</i>	<i>Would a tiger make a good pet?</i>	<i>What can we grow?</i>	<i>What can you create with just a dot?</i>	<i>Where do pirates bury their treasure?</i>
		<i>Textiles</i>	<i>Structure</i>	<i>Food Technology</i>		<i>Mechanics</i>
		Stitching to make a puppet (Links to Art & Design)	Design and make a look out platform for an animal to hold their weight.	Design, make and evaluate a healthy lunch for the 'Tiger who came to Tea'.		Design and make a trolley to move the pirate heavy treasure chest



Year 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>What did Paddington and Samuel Pepys see in London?</i>		<i>How are habitats different?</i>		<i>What kind of explorer would you like to be?</i>	
	Structure			Textiles	Mechanics	Food Technology
	Design, make and evaluate a new landmark for London.			Pupils make a patch of a weaved blanket to contribute to a whole class blanket for Wansford Animal Sanctuary. (Links to Art & Design)	Lever system and sliders to erect Christopher Columbus' flag.	Design, make and evaluate a healthy meal for Neil Armstrong's return to Earth after his expedition.



Year 3

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>How do we know dinosaurs existed?</i>		<i>What impact did the Iron Age have on the development of British civilisation?</i>		<i>How has modern Italy changed since the Ancient Roman era?</i>	
	Mechanics	Food Technology		Structure	Textiles	
	Design and make a crane to lift a Dinosaur Skeleton.	Make and evaluate Iron Age bread and serve with chopped food.		Design, build and evaluate a model round house.	Design, make and evaluate the Italian patterned tapestry (Links to Art & Design)	



Year 4

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>What is the use of having totem poles?</i>		<i>Who were the greatest: Anglo-Saxons or Vikings?</i>		<i>Why do materials behave the way they do?</i>	<i>How did the Egyptians water their crops?</i>
	Structures	Textiles			Food Technology	Mechanics
	Explore sky scrapers to design, make a new sky scraper for New York.	Create an intricate patterned American blanket (Links to Art & Design)			Design, make and evaluate a smoothie as a healthy alternative to a fizzy drink.	Design, make and evaluate a shadoof



Year 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>What will you find beyond the Earth's atmosphere?</i>		<i>Who were the Mayans?</i>	<i>Why are Tudors called Tudors?</i>	<i>Mother Nature: out of control?</i>	<i>How can we move around the world differently?</i>
		Structures	Textiles	Food Technology		Mechanics
		Design and build a gantry to launch their rocket. (Linked to Art and Design as this will be designed in their CAB and animated)	Design, make and evaluate a mixed media (Modroc and feathers etc) to create a Mayan headdress (Linked to Art & Design)	Make and evaluate bread making and use as part of a Tudor banquet.		Lego We:Do to make and evaluate a vehicle which incorporated gears to make it either faster or slower.



Year 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Design Technology	<i>How did WWII change Britain?</i>		<i>What legacy have the Ancient Greeks left?</i>	<i>How has Science changed our world?</i>	<i>Who benefits from new businesses?</i>	<i>What is theatre life like behind the scenes?</i>
	Structures		Food Technology	Mechanics		Textiles
	Design, make and evaluate an Anderson shelter model which will be tested to withstand a bomb attack.		Design, make and evaluate products, including pita, for a Greek meze.	Design, make and evaluate a vehicle which has gears so it has the ability to go faster or slower		Design and make props and costumes for the end of year performance (Links to Art & Design)

