



New Pastures Primary School
Design and Technology Long Term Plan



Design and Technology Year A: 2022-2023						
	Autumn		Spring		Summer	
Nursery	How am I me?	Do we all celebrate the same way? Make a Christmas tree decoration.	What can we do with water? Making a boat that floats Making a pirate's telescope Making a mask for a Chinese dragon dance	What is your favourite Traditional story?	What is growing in the garden? Minibeasts!	Where do the animals live?
Reception	Myself Box modelling of a house	My World	Knights and Castles Design and make a shield for a knight.	Are we nearly there yet? Design and make a vehicle.	How things grow	Where do animals live?
KS1	Structures Strengthening materials Outcome: a model playground		Mechanisms Levers and sliders Outcome: A moving picture of a polar scene		Mechanisms Wheels and axels Outcome: A moving vehicle	
LKS2	Textiles Running stitch and blanket stitch Outcome: A coin purse		Mechanisms Pneumatics Outcome: A moving roman character		Electrical Systems Simple circuits Outcome: A bedside lamp	
UKS2	Textiles Stitches and embellishments Outcome: a phone or tablet case		Mechanisms Cams Outcome: a moving toy for KS1		Mechanisms Gears and Pulleys Outcome: A moving vehicle	

Design and Technology Year B: 2023- 2024

	Autumn		Spring		Summer	
Nursery	How am I me?	Do we all celebrate the same way?	Can all Super heroes fly? Make a superhero wooden spoon/sock puppet. Make a superhero jet pack.	What is your favourite Traditional story?	What is growing in the garden? -Plants	Are we nearly there yet? Make a box model of a vehicle
Reception	Myself Box modelling of a house	My World	Knights and Castles Design and make a shield for a knight.	Are we nearly there yet? Design and make a vehicle.	How things grow	Where do animals live?
KS1	Textiles Simple running stitch Outcome: A Christmas decoration to sell at the Christmas Fayre		Mechanisms Levers and sliders Outcome: A pop-up book about Great Fire of London or Modern London		Cooking and Nutrition Preparing fruit Outcome: fruit smoothy/lolly/fruit salad	
LKS2	Mechanisms Levers and linkages Outcome: A grab toy		Cooking and Nutrition Healthy Greek food Outcome: Feta in filo pastry and Greek salad		Structures Wooden frames Outcome: A photograph frame	
UKS2	Structures Making a wooden framed box Outcome: A money box		Cooking and Nutrition Seasonality and Rationing 2023/24 Greek food 2025/26 Outcome: A WW2 dish e.g. corned beef hash		Control and Monitor Crumble Programming Outcome: A controlled fairground ride	