

Meadow Park School - Curriculum Map 2021-2022



Key Stage	Year Group	Subject	Teacher	Programme of Study		
LKS2	3 & 3	Design Technology	Miss Macey			
Autumn a		Autumn b	Spring a	Spring b	Summer a	Summer b
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	Topic(s)
Product Design – Photo Frame <ul style="list-style-type: none"> Designing a product Planning inc. measuring Creating a chosen design <ul style="list-style-type: none"> Evaluating 		The Great Bake Off <ul style="list-style-type: none"> Following instructions <ul style="list-style-type: none"> Food hygiene Kitchen safety 	Let's go fly a kite <ul style="list-style-type: none"> Designing a product Planning inc. measuring Creating a chosen design <ul style="list-style-type: none"> Evaluating Choosing an appropriate textile 	How have they helped? Inventor Study Bridges <ul style="list-style-type: none"> Product design and sustainability Creating sturdy structures Evaluating inventors designs and effectiveness 	Desserts <ul style="list-style-type: none"> Following instructions <ul style="list-style-type: none"> Food hygiene Kitchen safety 	Mechanical posters <ul style="list-style-type: none"> Creating products with electrical and mechanical components Design an attractive product
Assessment Tasks		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks
Children will research a range of photo frames; their function and design		Children will individually create a set of kitchen safety and hygiene rules	Children will create a prototype before their final version	Children will create information posters about a selection of inventors	Children will demonstrate their understanding of the functions of ingredients	Children will demonstrate their knowledge of mechanical functions
Children will design, make and evaluate their product		Children will independently demonstrate how to safely execute basic kitchen skills: weighing and jug measuring	Children will design, make and evaluate their product	Children will have a go at creating their own bridge structure	Children will independently prepare a dessert	Children will design, make and evaluate their product
Personal Development/CEIAG		Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG
Children will explore how photos and photo frames are used in different cultures		Children will explore the variety of breads and bakes goods from different cultures	Children will explore how kites have had a positive impact on inventions that help us in everyday life	Children will explore how bridges have helped connect communities and the different countries	Children will research and understand the needs of others in relation to dietary needs (food intolerances)	Children will explore how mechanics help us in everyday life
Reading & Writing		Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing
Children will research photo frames and create a design plan using detailed labelling		Children will read and write a set of safety and hygiene rules	Children will research kites, their history and create a presentation	Children will read information about inventors and write information posters	Children will research and write the functions of ingredients they use	Children will research different forms of renewable energy using mechanical engineering
Speaking & Listening		Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening
Children will present their findings to the rest of the class		Children will take part in class discussions	Children will articulate their thoughts and views within class discussions and debates	Children will share their findings have discuss how they think a sound bridge is built	Children will take part in group discussions	Children will articulate their thoughts and views within class discussions and debates

Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning
Children will use measurements to design their photo frame and cut the length of the frame sides	Children will use a variety of measurements through recipes	Children will use measurement to design and make their kites	Children will use measurement to create a sound bridge	Children will use a variety of measurements through recipes	Children will use measurement to design and make their mechanical posters
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
Children will use: <ul style="list-style-type: none"> iPads Microsoft Word 	Children will use: <ul style="list-style-type: none"> iPads Online recipes 	Children will use: <ul style="list-style-type: none"> iPads Microsoft power point 	Children will use online websites to simulate bridges and use this within their	Children will use: <ul style="list-style-type: none"> iPads Online recipes 	Children will use: <ul style="list-style-type: none"> iPads Microsoft power point