

Meadow Park School - Curriculum Map KS3 2023-2024



Key Stage	Year Group	Subject	Teacher	Programme of Study		
<b>3</b>	<b>7/8/9</b>	<b>DT</b>	<b>Miss M Baguley</b>	<b>National Curriculum</b>	<b>DT</b>	
Autumn a		Autumn b	Spring a	Spring b	Summer a	
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	
Health & Safety Materials		Trains	Trains	Trains	Disassembly & testing	
		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	
Health & Safety Awareness		Use of manufacturing tools and Techniques	Manufacturing plans	Finishing techniques	Evaluation	
Gears, Cams and levers						
Key Skills		Key Skills	Key Skills	Key Skills	Key Skills	
Pupils will learn how to :- Classify materials Keep themselves and other safe in a workshop		Pupils will learn how to :- Identify correct tools Mark & measure using templates and specialist equipment	Pupils will learn how to :- Produce ordered sequences Join a variety of materials Adapt methods of manufacture	Pupils will learn how to :- Use a broad range of techniques to manufacture products precisely Modify the appearance of materials	Pupils will learn how to :- Evaluate their products	Pupils will understand that:- Using mechanical systems in their products enable changes in movement and force
Personal Development/Careers		Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	
Pupils will be introduced to STEM Careers ( Black history month link)		Pupils will have a discussion around how to be more environmentally friendly	Focus on More STEM Careers	Discussion on a range of designers, engineers, technologists and manufacturers	Focus on More STEM Careers Life Cycle of products – concept of 'cradle to grave'	
Learners will focus on STEM careers in the local community and what employers are looking for						
Reading & Writing		Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	
Pupils will use the literacy mats to support their learning		Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal Feedback	Pupils will use the literacy mats to support their learning Use of practical log to record progress and Verbal	
Speaking & Listening		Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	
Pupils will compare and discuss H&S images		Use of group work to analyse trains	Pupils will discuss a variety of STEM careers	Use of peers to discuss practical progress on trains and set new targets	Small group work to evaluate their trains	
Pupils will be able to discuss in groups how movement and motion can be altered						
Numeracy & Mathematical Reasoning		Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	

