

Meadow Park School - Curriculum Map 2021-2022



Key Stage	Year Group	Subject	Teacher	Programme of Study	
LKS2	3 & 4	Science	C.Morris	National curriculum	
Autumn a		Autumn b	Spring a	Spring b	Summer a
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)
Animals including humans		Living things and their habitats	States of matter	Forces and magnets	Electricity
Assessment Tasks		Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks
Pupils will label the different teeth and describe their functions		Pupils will group animals into specific groups including vertebrates and invertebrates	Pupils will take part in a scavenger hunt to identify solids, liquids and gases	Describe friction as a force that slows objects down	Use a range of (electrical) equipment and record findings using labelled diagrams
End of topic assessment: teeth and their functions, basic parts of the digestive system, food chains		End of topic assessment: vertebrates and invertebrates, characteristics of living things, grouping living things	End of topic assessment: Solids, liquids and gases, evaporation and condensation, stages of the water cycle	End of topic assessment: forces, friction, magnetic materials, magnetic poles	End of topic assessment: Electrical appliances, mains- and battery-powered appliances, electrical circuits, electrical conductors and insulators
Personal Development/Careers		Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers
Pupils will begin to identify the importance of looking after our teeth and how to properly keep them clean		Pupils will explore environmental changes caused by natural and human factors and how we can help reduce climate change	Pupils will begin to identify the states of matter of different things that are encountered in everyday life	Pupils will explore the relationship with forces and the important role it plays within everyday life	Pupils will explore the discovery of electricity and its importance of electricity in everyday life
Reading & Writing		Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing
Pupils will read diagrams to show the different parts of the digestive system and the names of the different teeth		Pupils will read a variety of information sheets to gather evidence for their investigation	Pupils will read a set of instructions and maps to find the treasure	Pupils will write up scientific enquiries, present information about their enquiry findings	Pupils will read and write about early scientists and inventors that first used electricity
Speaking & Listening		Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening
Pupils will work in groups to discuss and create a set of rules on how to keep our teeth healthy		Pupils will work in groups to discuss how to group living things	Pupils must make connections about the water cycle and the real world	Pupils will take part in group discussions, articulate their thoughts & ideas using scientific vocabulary and present their work to adults	Pupils will take part in scientific enquiries and share their observations, results and conclusions with the class
Numeracy & Mathematical Reasoning		Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning

Pupils will explore the amount of sugar in grams in the food we eat in comparison to our recommended daily intake and the effect sugar can have on our teeth	Pupils will look at and discuss rising sea levels and other changing natural factors using numerical measurements	Pupils will need to measure quantities of water and temperature to demonstrate the water cycle	Pupils will use measurement to set up and record information	Pupils will explore the rising use of electricity across years using mathematical graphs	Pupils will use number and place value to record and measure findings
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
BBC Bitesize interactive videos and games about our digestive system and teeth	Pupils will use the internet to research animal classification and environmental changes	Computer- research facts and statistics relating to mental health	Pupils will use the internet and online apps to explore forces and magnets	Pupils will use interactive apps to set up electrical circuits	Children will use the internet to research scientists and inventors