

Meadow Park School - Curriculum Map 2022-2023



Key Stage	Year Group	Subject	Teacher	Programme of Study		
UPKS2	5 & 6	Science	L.Regan-Hammond	Primary National Curriculum		
Autumn a		Autumn b	Spring a	Spring b	Summer a	Summer b
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	Topic(s)
Living Things and Their Habitats	Animals Including Humans	Properties and Change of Materials	Forces	Earth and Space	Scientists and Inventors	
Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks	
Order the stages of life cycles	Compare and present data using bar and line graphs	Predict, set up and record findings of an investigation	Recognise and explain that there are different variables in an investigation	Name the planets in the solar system with support	Create an information poster about their chosen scientists or inventor	
End of unit assessment: reproduction, plant reproduction, mammals, amphibians and insects, birds	End of unit assessment: stages of human development, puberty	End of unit assessment: materials and their properties, soluble and insoluble materials, thermal and electrical conductors	End of unit assessment: Isaac Newton's discoveries, gravity, friction	End of unit assessment: the planets, night and day, moon and earth orbits	End of unit assessment: David Attenborough, Margaret Hamilton, Leonardo da vinci, Eva Crane	
Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	Personal Development/Careers	
Pupils will develop knowledge of plants and animals and show care and respect for living things	Pupils develop an understanding in the time line of humans and link this to life expectancy and choices	Pupils will develop knowledge of materials and how changes affect us	Pupils will explore Isaac Newton's discoveries and impact on modern day devices and inventions	Pupils will develop knowledge of our planet and make connections	Pupils learn about different scientists and their lives and link this to career aspirations	
Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	
Pupils will read a range of descriptions and have to use comprehension skills	Pupils will create an information leaflet	Pupils will write similarities and differences between materials	Pupils will write a fact file about Isaac Newton	Pupils will create a report about Earth and Space	Pupils will read about the lives of different scientists	
Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	
Pupils will be wildlife presenters	Pupils will interview a range of ages	Pupils will listen to each other and offer opinions	Pupils will share their results from different investigations with the class	Pupils will listen to a range of speakers	Pupils will present their findings about scientists	
Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	
Pupils will create tables/graphs to present data	Pupils will look at a range of statistics	Pupils will use comparison tables	Pupils will use different units of measure to record their data	Pupils will look at distance, mass, speed	Pupils will notes the links between maths and science	
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	
Geranium plant, coloured paper, iPad to record, hen's egg	iPad, graphing software (e.g. Microsoft Excel)	Feely bags, materials, magnets, goggles, measuring jugs, elastic bands, batteries, bulbs, wires, sand, water	Newtonmetres, weighing scales, stopwatches	Bell/ instrument, timer, iPad to record, globes	Internet, books, documentaries, black felt tips, petri dish, weighing scales, selection of materials	