

Meadow Park School - Curriculum Map 2024-2025



Key Stage	Year Group	Subject	Teacher	Programme of Study		
UPKS2	5 & 6	Science	Chelsie Morris	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)
Animals Including Humans		Living Things and Their Habitats	Properties and Change of Materials	Forces	Earth and Space	Scientists and Inventors
Assessment Tasks		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks
Compare and present data using bar and line graphs		Order the stages of life cycles	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: stages of human development, puberty		End of unit assessment: reproduction, plant reproduction, mammals, amphibians and insects, birds	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		Personal Development	Personal Development	Personal Development	Personal Development	Personal Development
Pupils develop an understanding in the time line of humans and link this to life expectancy and choices		Pupils will develop knowledge of plants and animals and show care and respect for living things	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 create an information leaflet		Pupils will read a range of descriptions and have to use comprehension skills	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 interview a range of ages		Pupils will be wildlife presenters	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 look at a range of statistics		Pupils will create tables/graphs to present data	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 note the links between maths and science
Creative Media		Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
iPad, graphing software (e.g. Microsoft Excel)		Geranium plant, coloured paper, iPad to record, hen's egg	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