| Meadow Park School - Curriculum Map 2022-2023 | | | | | | |
|---|--|---|---|--|--|---|
| Key StageYear GroupKS11/2 | | Subject | Teacher | Programme of Study National Curriculum | | |
| | | Science | Megan 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) |
| Animals including Humans | | Living things and their habitats | Everyday Materials | Seasonal changes – spring and summer | Biodiversity and minibeasts | Scientists and inventors |
| Assessment Tasks | | Assessment Tasks | Assessment Tasks | Assessment Tasks | Assessment Task | Assessment Tasks |
| Pupils will be able to identify which animals are carnivores, herbivores and omnivores | | Pupils will be able to confidently identify different living things | Pupils will be able to identify a range of common everyday materials | Pupils will observe and collect data about the weather | Identify and name some plants and animals in their habitats | Pupils will participate in scientific enquiries |
| End of topic assessment: Common animals, features of animals, parts of the human body, five senses | | End of topic assessment: Living, dead and never alive, habitats, microhabitats | End of topic assessment: Everyday materials, properties of materials | End of topic assessment: Difference between seasons, weather changes, daylight hours | End of topic assessment: plants and animals, habitats, simple food chains, needs of living things | End of topic assessment: materials, zoo animals and pets, plants |
| Personal Development/Careers | | Personal Development/Careers | Personal Development/Careers | Personal Development/Careers | Personal Development/Careers | Personal Development/Careers |
| Pupils will be able to explain the importance of how and why we need to keep our bodies healthy. | | Pupils will be able to identify the basic things humans, animals and plants need to survive. | Pupils will understand the importance of recycling and the impact of climate change. | Pupils will learn about the differences in daily routines and within the environment during spring and summer | Pupils will find out about minibeasts from other countries and how they may differ to the ones in the | Pupils will explore different scientists and inventors from around the world |
| Reading & Writing | | Reading & Writing | Reading & Writing | Reading & Writing | Reading & Writing | Reading & Writing |
| Pupils will read a range of facts about a variety of animals and the human body. | | Pupils will produce sentences describing different habitats using scientific words. | Pupils will read a range of facts about climate change. | Pupils will read information about different seasons | Pupils will write up their own predictions based on their experiment | Pupils will write a short fact file about a chosen scientis or inventor |
| Speaking & Listening | | Speaking & Listening | Speaking & Listening | Speaking & Listening | Speaking & Listening | Speaking & Listening |
| Pupils will be able to describe the functions of different body parts and organs. | | Pupils will describe different habitats and identify which animal lives where. | Pupils will be able to explain what we can do, as humans, to combat climate change. | Pupils will discuss their findings during observations | Pupils will discuss and listen to a variety of scientific vocabulary | Pupils will discuss a range of different inventions and share their thoughts on their importance to modern day life |
| Numeracy & Mathematical Reasoning | | Numeracy & Mathematical Reasoning | Numeracy & Mathematical Reasoning | Numeracy & Mathematical Reasoning | Numeracy & Mathematical Reasoning | Numeracy & Mathematica Reasoning |
| Pupils will explore a range of mathematical facts about the human body. | | Pupils will explore a variety of statistics within the living world. | Pupils will measure and weigh a variety of different materials. | Pupils will measure and create a table to record their findings | Pupils will count and create tally charts to compare the number of minibeasts found | Pupils will create bar charts of their favourite sensory plants |
| Creative Media | | Creative Media | Creative Media | Creative Media | Creative Media | Creative Media |
| iPads STEM website Interactive games | | iPads STEM website Interactive games | iPads STEM website Interactive games | iPads STEM website Interactive games | iPads STEM website Interactive games | iPads STEM website Interactive games |