



# Millbrook's Curriculum Matrix through Science



## Awe & Wonder



- Year 1: Explorer Dome visit to school
- Year 4: visit to Letcombe Brook with a member of the Letcombe Brook Project look at the habitats of the wildlife that lives there.
- Year 5: Science careers fair
- Whole school: taking part in Science Oxford Fair and Ogden Trust Science Fair
- Whole school Science week

## Knowledge & Understanding



- 'Sticky knowledge' as part of MTPs, which children need to understand in order to access the next stage in their learning. This is informally assessed throughout and after the unit.
- Learning journeys are sequenced carefully, allowing children to understand the context and key vocabulary at the beginning of each unit
- Lessons introduced with a question and using 'Working Scientifically' grid with lesson focus

## Good Citizenship



- Year 2 learn how to care for pets and make sure animals stay healthy
- Year 4's trip to Letcombe Brook raises children's awareness of the importance of the brook as a habitat within the community
- Year 5 meet with adults who use Science in their jobs
- Year 6 understand how the actions of humans impact the natural world through their evolution unit



## Achievement & Success



- Through scaffolding such as discussing and exploring vocabulary and immersive activities, 'low threat/high challenge', all children are able to access the key learning in Science lessons.
- Children are given opportunities to plan and carry out their own enquiries and investigations.
- Practical investigation and a child-led approach to learning allows all children the opportunity succeed in Science.