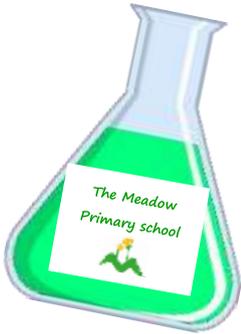




## The Meadow Community Primary School and Pre-School

Curriculum statement – **September 2021**

Science – subject leader: Caroline Perrin



### Where are we with science

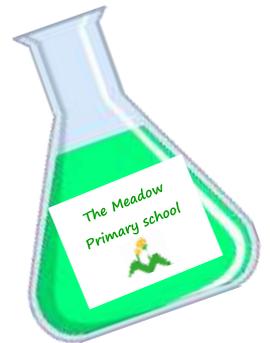
As subject lead, I am now in my fourth year of leading science at The Meadow. Having achieved the Primary Science Quality Mark in July 2020, we are continuing our journey to raise the profile of science across the school. Science is now evident everywhere in school from working walls in classrooms to whole school displays. We hope that our enthusiasm and enjoyment of science is visible for all visitors to see.

### Intent

At The Meadow Community Primary School, the science curriculum is designed to engage, inspire and challenge our children. Through quality first teaching and enrichment opportunities we aim to encourage a thirst for learning which will prepare our children for life in an increasingly scientific and technological world.

Science teaching at our school is good when...

- It is 'hands on', engaging and fun
- Exciting enrichment opportunities are provided  
It encourages children to initiate and answer their own questions
- It increases science capital
- It has a purpose and relates to the real world
- Stimulating and high quality resources are used
- It allows children to pursue their natural curiosity and to feel like they are scientists
- It is cross-curricular and embraces opportunities to learn outside the classroom



### How are we developing science at The Meadow?

Staff were very supportive of the PSQM process and have welcomed opportunities for more science CPD. Science now happens beyond the classroom through a variety of enrichment activities such as Science Week, science assemblies and lunchtime workshops ran by science ambassadors nominated from each class. Learning in science is regularly shared on year group Twitter feeds and parents are becoming more engaged in their children's learning in science through homework projects and attending enrichment events. We also have a STEM ambassador and a very pro-active science governor who are both very keen to get involved with science at The Meadow.

### Impact of science

We use the Plan Bee Science scheme of work because it is a high quality scheme which demonstrates progression in learning and fully covers the requirements of the science national curriculum. As subject lead, the most rewarding part of completing the PSQM process has been seeing the impact raising the profile of science in school has had on the children. Their enthusiasm for science lessons, enrichment events and homework projects has been incredibly encouraging. Children often tell me about their science lessons, science places of interest they have visited or bring in investigations from home to show me. With a vision to engage, inspire and challenge children for the future and I feel we are well on our way to achieving this at The Meadow.



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### **Data**

Our current system of assessment is used by all schools in the Symphony Learning Trust and requires each year group to complete a termly tracker to monitor the progress of boys, girls and the year group overall. This information is then analysed by the subject lead so that any issues can be highlighted and addressed. As curriculum lead, I also conduct an annual book scrutiny which gives me a much more in-depth insight into progress and attainment in science across the school. From my last book scrutiny in June 2021, I can see that teachers are making formative and summative assessment a greater priority; from children asking questions on working walls, to using KWL grids, knowledge checkers and end of unit quizzes. Overall, in science children at The Meadow are making good or better progress.