

Subject/Area: Science

Key Personnel:- Caroline Perrin

Quality of teaching and learning; outcomes for children

Activities and improvements during the year 2022/23

- Meadow SL continued role as chair of SLT science meetings
- Updated and simplified Symphony Trust assessment grid for each year group shared at science staff meeting, October 2022
- Enquiry type labels implemented October 2022 (evidence of being used effectively in book scrutiny June 2023)
- Participated in the Symphony trust science poster competition for Science Week 2023
- Dress as a scientist day March 2023
- Science workshops for years 2,3 and 4 with Dr Kaitlyn Zavaleta, April 2023
- 10 week Lego STEM programme for year 1 May/June 2023
- Science ambassadors appointed for each class from year 2 to year 6 (meetings held each term)
- Two meetings with science governor (including book scrutiny June 2023)
- Science working wall displays evident in all classrooms to promote the teaching and learning of science.
- 78% of year 6 children working at the expected level for science

What impact have these activities and improvements had on your subject curriculum?

- Meadow SL working collaboratively with other SL's in the trust ensures consistency across trust schools and allows the sharing of knowledge and resources
- Meadow staff more familiar with science judgments for their year group
- Enquiry type labels being used in books means that children have a better understanding of the different types of enquiry used in science
- Huge number of entries for the trust Science Week poster competition. Activities like this really help to promote science beyond the classroom and get parents involved too.
- Dress as a scientist day, workshops with Dr Zavaleta and Lego programme were all very successful and helped promote science beyond the classroom and science capital
- Meadow science governor involved with how science is taught in the school and we plan to do more collaborative activities together next year
- Science ambassadors are promoting the 'children's voice' in how science is led and taught in the school.
- Science working walls in the classrooms ensures science vocabulary is taught and promoted to aid pupils recall of knowledge.
- Good year 6 science data shows science is taught well at The Meadow

Judgement:

Outstanding

Good

Requires Improvement

On the basis of this information, what are your key priorities for development? (up to 3)

1. Promote more enrichment opportunities linked to the science national curriculum
2. Organise an enrichment day for science week 2024 linked to the theme - Time
3. Involve The Meadow science governor in the science curriculum and science activities within the school

Improvement plan for the year - Science

What do we want to improve? (area for development	How will we go about it?	When will it happen and be completed?	What will success look like/ anticipated impact ?	Cost (if applicable)	Who will monitor its impact and to whom will this be reported to?	Relevant links to School priority 1,2 or 3
Promote more enrichment opportunities linked to the science curriculum	SL to investigate and create a bank of possible opportunities for each year group	Ongoing document SL to share with year groups frequently and as new opportunities arise	Children will enjoy and have a greater understanding of science beyond the classroom	SL to look for free and funded opportunities but may be some costs if trips are booked	Caroline Perrin SL SLT	2

Improvement plan for the year - Science						
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Organise an enrichment day/activities for science week 2024 linked to the theme Time	<p>Science Week theme 2024 - Time</p> <p>SL to plan and organise a whole school science day for the beginning or end of science week</p> <p>Possibly arrange another dress up science themed day. E.g, come as a science concept</p> <p>SL to promote a science poster competition with other schools in the trust</p> <p>SL to connect with parents/community who could come in for science week to talk to classes about their jobs. E.g. Dr Kaitlyn Zavaleta again</p>	Science Week from 8th March 2024	<p>Promote science within the school in a fun and engaging way</p> <p>Promote science capital beyond the classroom by making connections with people who work in science</p> <p>Promote parent involvement in their child's learning</p>	Prizes for science poster competition	Caroline Perrin SL SLT	2
Involve The Meadow science governor in the science curriculum and science activities within the school	SL to arrange one collaborative activity with science governor per term	SL to contact Hannah Wolloff Sept 2023 to plan some collaborative activities for the year	Science governor involved and to have a good understanding or science at The Meadow	None	Caroline Perrin SL SLT	2

Subject specific tasks for the year		
<p>Autumn term</p> <ul style="list-style-type: none"> • SL to meet with new science ambassadors – pupils voice survey • SL to research enrichment opportunities for all year groups and share with staff • SL to contact Hannah Wolloff to arrange some collaborative activities for the year • SLT meeting 24th Oct 2023 • Christmas science lunchtime fayre organised by science ambassadors. • End of term data analysis 	<p>Spring term</p> <ul style="list-style-type: none"> • SL management time to plan Science Week 2024 • SL and school governor learning walk/lesson observations • SL meet with science ambassadors re. Science Week 2024 • Science Week/dress as a science day March 2024 • SLT meeting 11th March 2024 • End of term analysis 	<p>Summer term</p> <ul style="list-style-type: none"> • SL management time book scrutiny (hopefully also with school governor) • SL audit science resources • SL meet with science ambassadors June 2023 to review and plan next year • SLT meeting 9th May 2023 • End of term/year analysis