

Subject/Area: Science	Key Personnel:- Ryan Barnes
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Quality of teaching and learning; outcomes for children	
Activities and improvements during the year 2023/24	<ul style="list-style-type: none"> • Meadow SL continued role as chair of SLT science meetings • Participated in the Symphony trust science poster competition for Science Week 2024 • Science workshops for years 1-6 with Dr Kaitlyn Zavaleta, April 2024 • Science ambassadors appointed for each class from year 2 to year 6 • Science working wall displays evident in all classrooms to promote the teaching and learning of science. • 88.3% of year 6 children working at the expected level for science (78% 2022-2023)
What impact have these activities and improvements had on your subject curriculum?	<ul style="list-style-type: none"> • Meadow SL working collaboratively with other SL's in the trust ensures consistency across trust schools and allows the sharing of knowledge and resources • large number of entries for the trust Science Week poster competition. Activities like this help to promote science beyond the classroom and get parents involved too. • Workshops with Dr Zavaleta were very successful and enjoyed by the children. Promote science beyond the classroom and science capital • 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)
New coordinator to become familiar with the role
Audit and update resources/White Rose Science
SEN and science - SL to organise a science enrichment day for SEN/disadvantaged based on low 2023-2024 data, possibly introduce floorbooks as a way to record for SEN

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
Develop Co-ordinator understanding of the subject/ curriculum at the Meadow.	Review of Curriculum - progression by strand and also looking at how Working Scientifically and Types of Enquiry	by end of Autumn term	Co-ordinator will have a clear idea of progress through the school and opportunities for working Scientifically and using types of enquiry. This will impact pupils through high quality leadership and teaching.	Management time	RB – Heads of school	

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Monitor pupil knowledge and retention in Science	M and E tasks: Book look. Pupil interviews.	One task each term	Thorough understanding of strengths and areas for development in terms of retention of current unit, previous unit and prior learning.	management time	RB – Heads of school	3 – high standards of presentation.

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Enrichment/ Inspiring Science day for all children including SEN/ PP	British Science week plan and share a range of practical Science activities around the theme (change and adapt)	7-16 th March 2025 – British Science week	Children will be enthused and inspired by practical science activities tied in with British Science week	Possible resource cost TBC Management time	RB – Heads of school	

	Autumn Term	Spring Term	Summer Term
	<ul style="list-style-type: none"> Review of curriculum - progression maps Opportunities for working Scientifically and 5 types of enquiry within curriculum. 	<ul style="list-style-type: none"> British Science week 7-16th March Plan an enrichment day including preparing activities and resources. 	<ul style="list-style-type: none"> Investigate how new learning is linked to prior learning – Rosenshine's principles. - to be completed alongside pupil interviews.
	M&E Tasks <ul style="list-style-type: none"> Cross reference sample powerpoints/ lesson plans to Plan Bee SOW. 	M&E Tasks <ul style="list-style-type: none"> Book look with reference to SOW and Working Scientifically and 5 types of enquiry. Book look to see retrieval – current learning, current year, previous years. 	M&E Tasks <ul style="list-style-type: none"> Pupil interviews looking at retention of current learning, work from current year and previous years.

