



The Meadow Community Primary Subject Action Plan 2021-22

Subject/Area: Science	Leader(s): Caroline Perrin
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Quality of teaching and learning; *outcomes for children*

Activities and improvements during the year 2020/201	<ul style="list-style-type: none"> • Book scrutiny looking at progression in learning and gaps in learning/impact of Covid (June 2021). • Science working wall displays evident in all classrooms to promote the teaching and learning of science. • Whole school science • Science lead attended Teaching Effective and Engaging Science course (Feb 2021) • Science Week (last week of remote learning) – teachers used online Teams meetings as an opportunity to read a story with a science focus or present a science investigation • Science Week – whole school Curly Wurly challenge (years 1 to 6) • Science Week – optional competition – Baylab design a lab coat competition • Symphony Learning Trust Development Group Meeting (June 2021) – catch up curriculum discussed and ideas and resources shared
Overall evaluation of impact on subject	<ul style="list-style-type: none"> • Teaching and outcomes in science continue to be good at The Meadow. • Book scrutiny showed evidence that progression in learning is very good at the Meadow and that science is a highly valued and very much enjoyed subject at The Meadow. • Science continued to be taught as part of our remote learning strategy. Teachers also found ways to catch up on missed concepts and learning once children were back in school, E.g. through knowledge checkers • Science is now evident throughout the school in the form of working walls. • Science enrichment activities such as Science Week and science competitions are helping children at the Meadow to see science beyond the curriculum and promoting children's awareness of science capital. • Science is beginning to take place beyond discreet lessons. E.g. SODA activities, whole school homework projects and science assemblies with Mrs Perrin.

Judgement (pick one based upon the above evaluation):

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

<ul style="list-style-type: none"> • Work with SLT science leaders to review assessment in science across the Trust
<ul style="list-style-type: none"> • Organise enrichment events for science week 2022
<ul style="list-style-type: none"> • Set up a team of science ambassadors (yr2 – yr6) (as we had pre-Covid) to run competitions and playground events



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Improvement plan for the year 2021-22						
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 (e.g. governor)?	Relevant links to School priority 1,2,3 or 4



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<p>SL to work with SLT science leaders to review assessment in science across the Trust</p>	<p>Science leaders to discuss at SLT science development meetings (this was to be the focus of the development meetings last academic year but was cancelled due to Covid). Autumn term meeting will be a virtual meeting so may need to be looked at later in the year when we can meet.</p> <p>Alternatively, SL to look at PSTT Taps Assess resources to see if this would be a useful assessment tool for The Meadow</p>	<p><i>Ongoing but to be completed by Summer 2022</i></p>	<p>An improved whole school assessment system is in place and being used effectively throughout the school.</p> <p>Teachers will have a better understanding of where children are working at in science and be better informed to provide accurate information to complete Trust data tracker system.</p> <p>Subject leader, SMT and teachers are better equip to identify gaps in children's learning.</p>	<p>N/A</p>	<p>SL to feedback to SLT, class teachers and science link governor</p>	<p>Priority 2: To improve the % of children achieving GDS</p>
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<p>To organise enrichment events for science week 2022</p>	<p>SL and teaching staff to organise events based on theme for Science Week 2021 <i>(theme yet to be announced)</i></p> <p>SL to arrange visits from outside agencies if safe to do so by then</p> <p>SL to work with science ambassadors (representatives from years 2 to 6) to help promote science activities and events in school.</p> <p><i>SL to look into 3M's science activity at Loughborough University.</i></p> <p><i>SL to think about how we can encourage parent involvement.</i></p> <p><i>Possibly rearrange SLT science event for greater depth children which was cancelled in 2020.</i></p>	<p>March 2022</p>	<p>Science Week 2022 to be a bigger event involving all staff and children throughout the school and encourages parental involvement too.</p> <p>Children to see and experience science beyond discreet science lessons</p>	<p><i>Science budget/ Ask Parents group for support</i></p>	<p>SL to communicate to SLT, class teachers and science link governor</p>	<p>Priority 3: To develop and embrace pupil and staff well-being with a focus on reintegration into normal school procedures post COVID-19.</p>
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<p>Set up a team of science ambassadors (yr2 – yr6) (as pre-Covid) to run competitions and playground events</p>	<p>SL ask class teachers to select one child from each class (yr 2 – yr6)</p> <p>Possible ideas could be to organise whole school homework projects, run playground events and support activities during Science Week</p>	<p><i>Sept 2021 appoint science ambassadors for the year</i></p> <p><i>Oct 2021 SL to meet with science ambassadors</i></p>	<p>Ideas for science events come from the children</p> <p>Establishing children as science ambassadors will encourage children to actively get involved with promoting science beyond the classroom and ambassadors will encourage their peers to join in events too</p>	<p><i>Possible costs depending on activities/ projects planned</i></p>	<p>SL to communicate to SLT, class teachers and science link governor</p>	<p>Priority 3: To develop and embrace pupil and staff well-being with a focus on reintegration into normal school procedures post COVID-19.</p>
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	Autumn Term	Spring Term	Summer Term
<p><i>Subject specific tasks for the year</i></p>	<p>Sept 2021 - SL to ask teachers to nominate science ambassadors</p> <p>Oct 2021 – SL to meet with science ambassadors. Start to plan activities for the year ahead and to conduct a Children's Voice survey</p> <p>Nov/Dec 2021 – SL to meet with science ambassadors</p> <p>SL to update science lead folders</p> <p>SL look at TAPs assessment</p> <p>SL to chair autumn term SLT development group meeting</p>	<p>Jan 2022 – SL to meet with science ambassadors to start to plan Science Week (theme hopefully announced by then)</p> <p>SL to organise Science Week 2022</p> <ul style="list-style-type: none"> -STEM visitors - parent involvement - Competitions - In school event - Homework project <p>Staff meeting –introduce Science Week theme/time to plan ideas</p> <p>SL to chair spring term SLT development group meeting</p> <p>SL learning walk</p> <p>SL arrange a meeting with science link governor</p>	<p>May 2022 – SL to meet with science ambassadors to plan an event for this term</p> <p>SL to conduct a book scrutiny – (focus to be decided)</p> <p>SL to chair summer term SLT development group meeting</p> <p>End of year audit resources</p> <p>SL analysis of KS1 and KS2 results</p>



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