

The Orchard School Action Plan - Subject: Science 2022-2023

Improvement Targets

1. To identify key knowledge, skills and vocabulary taught across the curriculum and build in opportunities for recall and retrieval.
2. To ensure all teaching staff have developed a bank of recall and retrieval techniques
3. To match the same level of attainment as the previous year including children with SEND (90%+ of children meeting ARE at the end of Key Stage One).
4. Celebrate Science around the school and reflect this with displays, visitors and workshops.

Success Criteria

- Each Year Group will be clear about the expectations outlined in the National Curriculum and use the Science Scheme of Work to ensure that long and medium-term plans offer maximum opportunity for coverage.
- Opportunities for retrieval will be planned into the beginning of every lesson.
- Key vocabulary will be taught explicitly and listed on Weekly Learning Overviews offering the potential for pre-teaching.
- Science books around the school will have a range of good quality, age appropriate texts to support children's research skills.
- Each year group will celebrate their learning in Science with displays around the school.
- All children, including those with SEND and EAL, will access the learning through key vocabulary and visual aids.

Objective	Actions	Lead Person	Start date	Resources	Monitoring
1. To identify key knowledge, skills and vocabulary taught across the curriculum and build in opportunities	<p>To monitor science lessons with a focus on recall and retrieval of previous learning.</p> <p>Opportunities for retrieval will be planned into the beginning of every lesson - evident on powerpoints/observations.</p> <p>Key vocabulary will be taught explicitly - evident on powerpoints/observations.</p>	JE	Nov 22		<p>Lesson observations, work scrutiny and learning walks.</p> <p>Conversations with governors with a science focus.</p> <p>Close the feedback loop by delivering feedback to the team.</p>

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2. To ensure all teaching staff have developed a bank of recall and retrieval techniques	<p>Deliver twilight training sessions on recap and retrieval.</p> <p>Opportunities for retrieval will be planned into the beginning of every lesson - evident on powerpoints/observations.</p> <p>Key vocabulary will be taught explicitly - evident on powerpoints/observations.</p>	JE	Nov 22		<p>Lesson observations, work scrutiny and learning walks.</p> <p>Conversations with governors with a science focus.</p> <p>Close the feedback loop by delivering feedback to the team.</p>
3. To match the same level of attainment as the previous year including children with SEND (90%+ of children meeting ARE at the end of Key Stage One).	<p>Ensure the teaching of Science in Year 2 is consistent and the National Curriculum is being delivered to all pupils.</p> <p>Regular assessments after each unit of work <i>and re-teaching of knowledge where necessary.</i></p>	JE	Sep 22		<p>Lesson observations, work scrutiny and learning walks.</p> <p>Low Key Assessments.</p> <p>Close the feedback loop by delivering feedback to the team.</p>
4. Celebrate Science around the school and reflect this with displays, visitors/ workshops.	Monitor displays and ensure each Year group is displaying science around the school.	JE AM ES	Sep 22		<p>Learning walks.</p> <p>Leadership time spent with AM and ES.</p>