

**MILLBROOK COMMUNITY PRIMARY SCHOOL**  
**SUBJECT CO-ORDINATOR ACTION PLAN 2024-25**

<b>CURRICULUM AREA</b>	<b>SCIENCE</b>
<b>SUBJECT CO-ORDINATOR[S]</b>	Jonathan Arnold

**Current Picture:**

**Strengths:**

- At least one investigation completed per topic in every year group.
- Two enhancements which complemented the National Curriculum were carried out in every class. These ensured there was an equal weighting across Biology, Chemistry and Physics.

**Areas to further embed:**

Develop links between the school and wider community through Science- see Wider Engagement.

Ensure Display guidance is implemented in every classroom and area of the school- see Quality Learning and Teaching.

<b>ACTION PLAN 2023-2024</b>					
<b>INTENT</b>	<b>IMPLEMENTATION</b>			<b>IMPACT</b>	
<b>TARGET</b>	<b>KEY PERSONNEL</b>	<b>TIMESCALE</b>	<b>HOW</b>	<b>SUCCESS CRITERIA</b>	<b>EVALUATION</b>
<p><b>Monitoring and Assessment</b></p> <p>Introduce new End of Topic Assessment as provided by the new scheme (White Rose).</p>	<p>Subject Leader</p> <p>Class teachers</p> <p>Leadership Team</p>	<p>Autumn 2024.</p> <p>Analyse throughout year.</p>	<p>Share Assessment with staff.</p> <p>Time provided to be completed.</p> <p>Results to be forwarded to Subject Leader.</p>	<p>Full set of results without any gaps. This will enable a Question Level Analysis and feedback on progress.</p> <p>Interventions and areas needed consolidation are addressed.</p>	

<p><b>Quality Learning and Teaching</b></p> <p>Displays function well as additional resources to support children's learning and also celebrate understanding.</p> <p>Implement Vocabulary Progression documents and assess impact.</p>	<p>Subject Leader</p> <p>Class teachers</p> <p>Leadership Team</p> <p>Governors (learning walk around school).</p>	<p>Review end of each topic.</p>	<p>Staff Meeting to disseminate findings and discuss expectations.</p> <p>Monitoring the use of vocabulary through Pupil Interviews.</p> <p>Introduce Stem Sentences to improve the confidence in articulating Scientific thinking-Voice 21 Talking Like a Scientist.</p>	<p>Evident in every classroom.</p> <p>Children can talk about the content of the displays.</p> <p>Progression evident throughout school (vocabulary).</p>	
<p><b>Resources</b></p> <p>Organise bespoke experiences for staff to extend their knowledge and enhance their teaching of Science.</p>	<p>Subject Leader</p> <p>Class teachers</p> <p>Teaching Assistants</p> <p>Experts</p> <p>Online tutorials</p>	<p>Summer 2025</p>	<p>Ask staff what needs and requirements are (Staff Audit).</p> <p>Provide opportunities to fulfil needs.</p>	<p>Needs have been fulfilled from original questionnaire (audit).</p>	

<p><b>Wider Engagement</b></p> <p>Hold an 'Open Day/ After school Event' for members of the community, including parents and Governors, to showcase good practice.</p>	<p>Subject Leader</p> <p>All staff</p> <p>Key children</p>	<p>Summer 2025</p>	<p>To ask teachers to save examples of Good Practice.</p> <p>Select Science Day/ week in academic calendar.</p> <p>Support staff in implementing events.</p> <p>Assembly and Staff Meeting time to raise profile.</p>	<p>Event enjoyed by those who attend.</p> <p>A variety of children from all classes are involved.</p> <p>Examples Scientific knowledge evidenced.</p> <p>Children able to explain to an audience using Scientific language.</p>	
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