Myddle CE Primary School

Science Action Plan

2022-2023



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| **Science** |
| **Action** | **Success Criteria** | **Resources** | **Timescale** | **Monitoring & Evaluation** |
| **Intent*** Having oversight of curriculum coverage
* Colleague expectations
* Action plan for future development
* Ensuring resources are in place for a rich and challenging curriculum
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| **\*To ensure the sequence of Science topics show progression in learning objectives as the pupils continue throughout the school.** | **\*All teachers to be teaching the Science topics appropriate to their year groups to ensure progression, using the PLAN progression of objectives** | **\*PLAN year group objectives** | **\*Throughout the year** | **Book monitoring in Summer half term 2 to evaluate** |
| **\*To teach Science units appropriate to the year groups in each class and update display boards in classrooms for each new Science topic taught** | **\*All teachers / TAs to update display boards in their classrooms, including reference to scientific enquiry in lessons** | **\*Display boards****\*Twinkl display resources****\*Photographs of pupils working investigately**  | **\*Each half term, take a photograph of evidence of display boards and share with parents on the school website** | **Monitor throughout the year** |
| **Implementation*** Ensure that teaching of Science is strong and promotes the acquisition of key knowledge
* Leading professional development, providing guidance and support
* Oversee assessment
* Promoting the subject throughout the school to staff, pupils and parents
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| **\*To use ‘Grammarsaurus’ as a formal way of assessing pupils at the end of each topic to identify if pupils are working ‘at’ or ‘working towards’ the expected standard** | **\*All teachers to use ‘Grammarsaurus’ end of topic assessment as a formal way of pupils knowledge and understanding** | **\*Grammarsaurus** | **\*End of each half term** | **\*Book monitoring during Summer half term 2****\*Collect in key skills assessments at end of each half term** |
| **\*To promote the Science subject to parents and offer opportunities for feedback to aid development** | **\*Parents to understanding how Science is taught within school and to have had opportunity to respond** | **\*School website****\*Facebook****\*Class dojo** | **\*Autumn term** | **\*Receive any feedback by end of Autumn term to evaluate for future progression** |
| **Impact*** Monitoring the effectiveness of teaching and the impact on learning and standards
* Evaluating and summarising all aspects of the subject to define next steps for improvement
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| **\*To observe a science lesson from each teacher to identify the impact on learning** | **\*All teachers to have been observed teaching Science to a year group, with a lesson focus on ‘scientific enquiry’** |  | **\*By end of Spring Term 2** | **\*By end of year, each teacher to have been observed in teaching of Science using scientific enquiry** |