**Action Plan for Science 2023/24**

**Key Priorities**

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| **Achievement of pupils** | 1. To review the attainment in 2023 of KS1 and KS2 children in science. 2. To ensure the gaps are narrowed and 80% of children meet the required standard by the end of Year 2 and Year 6. |
| **Quality of Teaching and Learning** | 1. To ensure that children across the school are using scientific skills. 2. Ensure that the full range of enquiry types are used in each year group and that children are confidently able to identify each of the 5 types. |
| **Leadership and Management** | 1. To Improve the use of formative assessment of working scientifically skills. 2. Continue with current monitoring cycle making sure that this includes lesson observations, pupil voice and book scrutiny. |

**Achievement of Pupils**

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| **Aim** | **Strategies** | **Success Criteria** | **Timescale** |
| To review the attainment in 2023 of KS1 and KS2 children in science. | * Review the data from current Year 2 with SLT and AP (Science Co and CT). * Analysis of the gaps. | * Clear analysis and narrative. * Provision map created * Gaps identified and coherent plan put into place. | * Completed by Oct 2023 * Ongoing reviews on a half termly basis. |
| To ensure the gaps are narrowed and 80 % of children meet the required standard by the end of Year and Year 6. | * Develop a clear and coherent provision for intervention and prevention. * Provide high quality staff training. * Review provision of resources for science. | * 80 % meet the required standard for science at the end of Year 2 and Year 6. * Gaps identified and coherent plan put into place. | * By June 2023 * Ongoing reviews on a half termly basis. |

**Quality of Teaching and Learning**

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| **Aim** | **Strategies** | **Success Criteria** | **Timescale** |
| To ensure that progression of enquiry skills that build upon earlier opportunities children have had to engage in active learning and critical thinking in EYFS. | Attend Network Meetings  CPD training for all staff.  Develop working scientifically progression grids and add to curriculum folders.  Update planning to include links to scientific skills.  Ensure science is included on staff meeting timetable for 2023/24 | Teachers are able to identify the scientific skills and there is progression in coverage.  Planning is updated to include EYFS.  Subject leader is able to see the coverage across all year groups.  Evidence of children using scientific skills can be seen in books and in displays in classrooms. | Summer 2024 |
| Ensure that the full range of enquiry types are used in each year group and that children are confidently able to identify each of the 5 types. | Complete the whole school competition to design a scientist to represent the enquiry types.  Posters of these to be displayed in every classroom so that they can be referred to regularly. | Pupils are able to identify the 5 enquiry types confidently discuss each type when sharing their Science learning with SLT and other adults. | Autumn Term 2023 |

**Leadership and Management**

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| **Aim** | **Strategies** | **Success Criteria** | **Timescale** |
| To Improve the use of formative assessment of working scientifically skills. | Carry out TAPS pyramid audit.  Introduce TAPS Working Scientifically butterfly.  Update planning for each year group to map out TAPS assessment tasks.  Attend TAPS training. | Assessment practice will develop across school. | Spring Term |
| Continue with current monitoring cycle making sure that this includes lesson observations, pupil voice and book scrutiny. | Share good practice in staff meetings.  Complete monitoring timetable.  Book scrutiny.  Lesson Observations.  Learning walk. | An effective monitoring cycle continues to inform next steps for the development of science in the school | Termly  Autumn Term  Ongoing |