

Graduated Response to Science



Science Leaders - lunchtime club, equipment preparation for lessons, Science Week planning

Staff meetings and network meetings to ensure practice is up-to-date and effective

STEM links - maths data handling, use of technology to record results, D&T links eg, K-Nex levers and pulleys toys

Individual Support

Brain breaks
Print out of flipchart screen
Adapted tasks/outcomes
Different ways of presenting their learning
Additional equipment where appropriate
Practical lessons adapted to physical and sensory needs of learners

Science Week—yearly event to focus on a specific theme of Science across the school, including assemblies.

Regular book looks combined with shared planning across year groups to ensure consistency and quality

Outdoor learning project - implementing scientific knowledge when creating and maintaining an allotment and habitat area.
Gardening club—planting

Targeted Provision

Targeted focus groups in lessons; adult intervention in comprehension of questions and concepts; coloured paper for learners; vocabulary sheets for support, adult or peer/science leader support when using equipment; scaffolding for measuring and recording investigations, including graphs/charts etc; complex ideas broken down in to simpler parts; visuals to support learners understanding alongside instructions; targeted pairing to support children of different abilities

Universal offer

Logical lesson structure and sequence of lessons within a unit and also across year groups to ensure links between scientific concepts; tasks chosen to meet the needs of learners; use of REAL wheel values and learning superpowers to support confidence in lessons ; verbal or written feedback according to success criteria; use of assessment data to inform learning and future planning; dyslexia friendly slides; talk partners used in every classroom; children encouraged to answer questions expansively; physical resources; pre-teaching groups; physical resources directed to groups; presenting their findings in a range of different ways including diagrams, pictures, graphs, tables, explanations; oracy-led sessions; step-by-step instructions for investigations; clear transitions between different types of activities, eg, written, computer based, physical; peer and group support to complete practical experiments and conclusions.