

Science Policy

- **Intent**
- **Rationale** Science is an integral part of modern culture. Science stimulates and excites students' curiosity about phenomena and events in the world around them and by combining direct practical experience with ideas it satisfies this curiosity with knowledge.
- **Aims** Science at Beaucroft aims to offer a student-centred, structured approach to teaching and learning which enables the student to gain knowledge of the world together with some understanding of life and physical processes.
- **Objectives** Students will be taught the necessary skills to understand how science works at an appropriate level to their understanding; to develop knowledge and understanding of Organisms, and the environment, Materials, properties and the Earth and Energy, forces and space ; to use appropriate terminology and methods to communicate their ideas and observations; and, use safe working practices.
- **Implementation**
- **Breadth and depth** Science is taught to all students through all 4 key stages. The teaching of science will be focused to allow individual students to access scientific themes at a level appropriate to their learning. The range of experience will cover a broad spectrum from sensory experience and language development using small groups and/or individual teaching to whole class teaching.
- **Equitable delivery** There are inclusion opportunities within the school for children to join with other classes. Science is generally taught in class-based groups either as discrete science lessons or commonly through cross-curricular topics.
- **Monitoring and Evaluation** It is the responsibility of the Science Leader to monitor all the curriculum forecasts written by the individual teachers in all key stages to check for coherence, continuity and progression.
- **Impact**
- **Assessment, Recording and Reporting** Teacher Assessment is an ongoing process that utilises the school's own assessment package. Reports are written each year for review purposes or whenever a report is requested for an individual student.
- **Planning and progression** It is the role of the class teacher to plan and deliver science which allows individual students to access scientific themes at a level appropriate to their learning. Curriculum overviews and learning journeys are used to map out intent, implementation and impact.
- **Resources** Science is well equipped and provides a central collection of materials and
 - apparatus for the whole school. All key stages have access to ICT.
- **Health and Safety** By statutory requirement there is a separate Health and Safety Policy for Science. All chemicals used in science lessons have a hazard datasheet in the Safety File. All teachers who teach science should be familiar with these datasheets or gain clarification from the science lead.
- **Subject Leadership and Development** The Science Leader is responsible for writing and updating the science policy according to National Curriculum guidelines and school policies, for managing the science budget, ordering equipment and consumables, and ensuring through the monitoring process that Science achieves good value. The Science Leader is also responsible for giving advice on good practice and for keeping up to date with developments in the subject.