



## Olveston CEVC Primary School Policy for Science

**Rationale:** Through the teaching of Science, children should:

- develop knowledge and understanding of important scientific ideas, processes and skills and relate these to everyday experiences.
- learn about ways of thinking and of finding out about and communicating ideas.
- explore values and attitudes through science.

**Aims and Objectives:**

- Children should: be curious about things they observe, and experience and explore the world about them with all their senses.
- use this experience to develop their understanding of key scientific ideas and make links between different phenomena and experiences .
- try to make sense of phenomena, seeking explanations and thinking critically about claims and ideas.
- acquire and refine the practical skills needed to investigate questions safely.
- develop skills of predicting, asking questions, making inferences, concluding and evaluating based on evidence and understanding and use these skills in investigative work.
- develop language skills through talking about their work. Use scientific and mathematical language and draw diagrams and charts to communicate scientific ideas.

**Organisation and Delivery:**

- We deliver the Science Curriculum through the Science Scheme of Work, which follows the Q.C.A guidelines.
- Emphasis is put onto practical activities/investigations where children can develop their skills in Scientific Enquiry.
- Teaching is in the main carried out in small groups, supported with whole class introductory/assessing sessions.
- Assessing, recording and reporting procedures: Teachers will use end of Key Stage descriptors to assess children's achievements in Science. Written unit tests are also used to gauge children's progress. Annual Reports indicate to the parents their child's attitude and achievements in Science.

This policy should be read in conjunction with the Assessment policy, Teaching & Learning policy, Monitoring & Evaluation policy and individual subject policies.

Ratified by: \_\_\_\_\_

Date: \_\_\_\_\_

Review Date: \_\_\_\_\_

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