

**Coleman Primary School**  
**Science Curriculum Statement**

**Intent**

At Coleman Primary School, we aim to give all children a sound understanding of the world around them. We aim to teach science in ways that are imaginative, purposeful, well-managed and enjoyable.

**Implementation**

At Coleman Primary School, science is taught weekly through a discrete lesson. The planning of the science curriculum is carefully undertaken to ensure full coverage of the National Curriculum from Years 1 to 6. In the Early Years Foundation Stage (EYFS), children begin to develop their scientific knowledge and skills through the 'Understanding the World' strand, with a strong focus on investigation, exploration and play.

Staff have collaborated to create an overview of the skills and knowledge covered in each year group. These can be found in our curriculum progression documents. Target memories and key vocabulary are clearly identified on knowledge organisers which are shared with pupils and stuck into exercise books at the beginning of each unit.

In science lessons:

- A learning intention and target memories are shared with children at the start of the lesson.
- Retrieval practice takes place at the beginning of the lesson to ensure that children are retaining target memories.
- Teachers will give clear and accurate explanations and offer skillful questioning whilst making links between science and other subjects.
- Children develop the skills to follow lines of enquiry including observing, measuring, predicting, hypothesising, communicating, interpreting, explaining and evaluating.
- All children are given the opportunity to access a broad and balanced science curriculum, regardless of ethnic origin, gender, class, aptitude or disability.

**Impact**

Children's progress in Science is monitored both through continuous assessment for learning opportunities and also summative assessments at the end of each topic of work. Halfway through the unit, the children in KS1 and 2 complete a midpoint assessment to ensure that they have retained the key information taught. The science leads carry out planning scrutinies and pupil interviews to monitor the understanding and progression throughout the subject. Children's understanding of and confidence in Science is developing and improving over time. In addition to this, the Science leads meet regularly with subject leads from local schools in our

Development Group to share good practice and ensure the consistency of our provision with that of other schools.