

Science Subject Policy

Purpose and Aims

Page 144 of the National Curriculum 2014 sets out the 'Purpose of study' and the following aims relating to Science:

Pupils are to:

- develop scientific knowledge and conceptual understanding through the specific disciplines of Biology, Chemistry and Physics.
- develop understanding of the nature, processes and methods of Science through different types of scientific enquiry that help them to answer scientific questions about the world around them.
- be equipped with the scientific knowledge required to understand the uses and implications of Science, today and for the future.

Throughout the teaching of Science, we also endeavour to meet the aims of the school (as set out in the school brochure).

Subject content, Organisation and Planning

- The National Curriculum 2014 sets out the core content to be delivered through the teaching of Science. However, as explained in section 2 of the National Curriculum, this forms just one part of the wider School curriculum. Individual schools are "free to include other subjects or topics of their choice in panning and designing their programme of education".
- Pendragon Primary School's long-term curriculum plan for Science gives an overview of Science coverage from Years 1 to Year 6. Teachers use this as a base for medium and short term planning.
- See Early years policy for how the specific area of 'Understanding the World' is used to teach scientific skills in Foundation Stage.
- We endeavour to ensure learning in Science is an engaging, creative and meaningful experience for all children. Links are made between subjects and enrichment activities, such as trips, visitors, special days and weeks are regularly planned.
- Science lessons are taught weekly or as blocked units of work relating to a particular topic.

Equal opportunities and Inclusion

- See Pendragon Primary's Equality statement in our school brochure.

Assessment, Record keeping and Reporting

- See Pendragon Primary' assessment policy.

Monitoring and Evaluation

- The Science subject leader, under supervision of the Governors, Headteacher and leadership team, is responsible for ongoing monitoring and evaluation in order to ensure high standards and improved outcomes across the subject.
- A subject action plan is shared and reviewed annually.