We use flexible timetabling in order to deliver a knowledge rich curriculum that builds on prior knowledge and meet the recommended guidelines for teaching Science.

Enrichment opportunities

- 'Full STEAM Ahead' Award for home learning
- Annual STEM week
- Scientific explorations
- Educational visits
- Link with local high schools

Lessons begin with a Dig Deep to give children the opportunity to retrieve prior knowledge. This allows the children to access their long term memory more effectively.

Phase 1 focus on questions from last lesson, this topic, last topic/year and scientific fact (a special fact/knowledge they know).

Phase 2 focus on questions from last lesson, last term, last year and last key stage).

PSQM (Primary Science Quality Mark)

Developing effective, confident science leadership for whole school impact on science teaching and learning.

Achieved in Autumn 2020

In Key Stage 1 the children perform simple tests, identify and classify, suggest answers to questions and gather data.

In Key Stage 2 children set up comparative and fair tests, set up enquiries, gather, record and classify data and use scientific evidence to support findings.

Vocabulary is a core element in every lesson. They are displayed clearly, referred to at each opportunity and definitions are discussed with the children.

Growing together, hand in hand

Science at Gorsemoor

What does it look like?

Through our Science curriculum we are teaching children the essential aspects of knowledge, methods, process and uses of science. Children are encouraged to evaluate scientific investigations and become excited and curious about the world around them.

Through practical investigations children learn the wonders of the world. Outdoor learning is encouraged throughout the year.

Produce an engaging and creative curriculum so that all children can become the scientists of the future.

Cross curricular links are utilised within lessons effectively by staff and children.

For on-going experiments, photos are taken at the start and throughout the term to show changes. Photos are displayed on the science wall to produce a time line of scientific investigations.

Science is taught through question based enquiry. The children develop scientific understanding, identify further questions and investigate facts to support them when answering the Big Question.

Class floor books are used in Phase 1 and 2 to record children's work and progress through the curriculum.

In Phase 3, the children have an individual science book.