

# Science

## Curriculum Statement



**Teacher:** Class teacher

**Time per week:** 2 hours

**Homework:** KS1: Science is set as part of a series of homework choices for children. KS2: Practical and written homeworks are sent home half-termly.

**Enrichment activities:** Eco Club, STEM projects

Autumn: October - World Space Week

Spring: 1-7 March Food Waste & recycling week

5-14 March British Science Week (UK Research and Innovation UKRI)

Summer: May 7th Space Day,

8 June UN World Oceans Day

---

### INTENT

In Science lessons, children learn to understand the world around them. Science is taught in fun and stimulating ways. Staff plan lessons using the objectives from the Early Learning Goals and National Science Curriculum.

Our curriculum seeks to:

- Create opportunities for outdoor learning. Links are made across the curriculum to create

connections between disciplines. We encourage and embrace scientific thinking and questioning.

- Raise confidence and competence in the full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.
- Impart excellent scientific knowledge and understanding using key vocabulary. These scientific terms are demonstrated in written and verbal explanations, solving challenging problems and reporting findings.
- Undertake practical work in a variety of contexts, including fieldwork such as pond-dipping.
- Instil a passion for Science and its application in past, present and future technologies.
- As global citizens, Science helps our pupils to understand the nuts and bolts of what makes us human and the impact we have on the natural world.
- Our Forest School provision gives children a weekly opportunity to experience the natural sciences first hand.

---

### IMPLEMENTATION

In KS1 children learn Science as a discrete subject but links are made to other subjects and stories. Children will learn the key words and facts to build a solid foundation and understanding of each topic.

In KS2 the topic words and facts are then built upon with more complexity; our aim is to provide a spiral curriculum where we recap our previous learning and then progress and make links to other subjects and our own experience.

---

### IMPACT

Children are assessed through teachers' observation of pupils' progress in the classroom through discussion, during practical activities and through marking of books. Study of a topic culminates in end of topic quizzes, independent activities and writing tasks.