

## Science at Burton Joyce

### Scientific Knowledge

Science is taught weekly through a sequence of units that focus on knowledge and understanding. These Science units progress throughout school.

Plants  
Living things and their habitats  
Animals including Humans  
Seasonal changes  
Materials  
Rocks  
Light  
Forces  
Sound  
Electricity  
Earth and Space

At Burton Joyce Primary School we want our students to be inspired by Science. As a school, we follow the National Curriculum with a focus on three areas;

**The progression of knowledge and understanding of scientific concepts across the three disciplines of biology, chemistry and physics.**

**The development of skills to think and work scientifically.**

**Increasing the use of scientific vocabulary through the use of subject knowledge organisers.**

We believe Science is for everyone at Burton Joyce and we will continue to champion the enjoyment of science with positive experiences throughout their primary school education.

### Working Scientifically

There are 6 areas of working scientifically which will underpin all the teaching and learning across school from Foundation stage to Year 6.

- Asking questions and providing a hypothesis.
- Making observations and taking measurements.
- Engaging in practical enquiry.
- Recording and presenting evidence.
- Concluding results.
- Evaluating and raising further questions.

### Making Links

At Burton Joyce, making links from the learning in the classroom to real life is important to give purpose.

We use many ways to support making links from our Science to other areas in education through exploring past and present famous people and their contributions to science, using the maths and English curriculums to embed their understanding and exploring the biology of living things through our SRE lessons.

### Leader

Our Science Curriculum lead, Kellie Langdown, is responsible for developing and monitoring the science curriculum across the school. Kellie believes that science is for everyone as it inspires children to be inquisitive about the world they live in.



### Enrichment

Whilst school is the most important provider of knowledge and skills for children. At Burton Joyce, we recognize the importance of the community around us.

Throughout the year we engage in a number of ways to bring Science to the forefront of our curriculum.

Participation in British Science Week.

Collaborate with the EQT network of schools to participate in the annual Sci-tech competition.

Parental engagement through homework tasks

School visits to external providers and local walks.