



# Royston St John Baptist CE Primary

## Subject on a page- Science

The scheme of learning was created using DfE National Curriculum in England: Science Programmes of Study, alongside The Primary Science Teaching Trust and STEM learning.

Alongside the knowledge relating to science, children are taught to work in a scientific manner. Careful consideration has taken place, to ensure that each of the 5 types of enquiry that children could carry out have been carefully sequenced to ensure sufficient opportunity to learn how to, apply the skill and embed each one.

These are:

- Comparative & Fair Testing.
- Research using secondary sources.
- Identifying, classifying & grouping.
- Pattern seeking.
- Observing over time.

These skills build and progress each year, which is shown in the working scientifically progression document.

There are 10 core themes which are studied throughout school: Plants, Rocks & Evolution and Inheritance, Light, Electricity, Sound, Forces and Magnets, Earth and Space, Animals including Humans, Seasonal Changes & Living Things and their Habitats, and Properties of Materials.

Science is taught in sequenced blocks throughout the year. The schemes of work have been designed to carefully sequence the learning points that children need in order to have a solid and secure understanding of the subject they are learning. Key vocabulary is highlighted and defined in a way that allows children to learn, understand and use scientific vocabulary when describing their learning.

Supporting resources to inform planning:

STEM learning, Primary Science Teaching Trust, The Royal Society of Chemistry, The Association for Science Education, and Explorify.

*"I am among those who think that science has great beauty."*

Marie Curie