

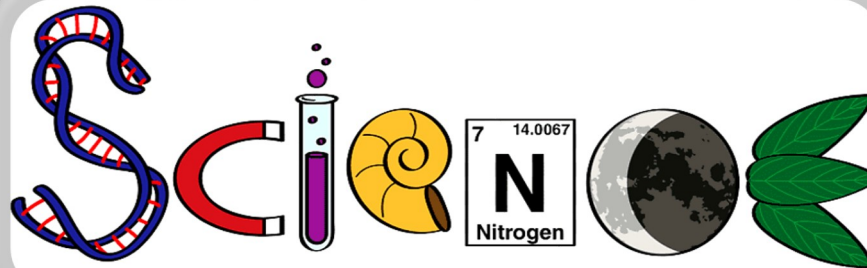
## Our Vision

Sebert Wood Primary School understands the need for all pupils to develop their Scientific ability as an essential component of all subjects and as a subject in its own right. Pupils are encouraged to understand how Science can be used to explain what is occurring, predict how things will behave, and analyse causes. We aspire to promote children's independence and encourage all children to take responsibility for their own learning in this subject; through this, they will develop transferable skills which equip them for an ever-changing world.

## Why is Science Important?

We believe that a high quality Science education provides the foundations for understanding the world; Science has changed our lives and is vital to the world's future prosperity, and all pupils should be taught essential aspects of the knowledge, methods, processes and uses of Science.

Through building up a body of key foundational knowledge and concepts, pupils should be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena.



## What do our pupils think?

*"It's fun learning new ideas and carrying out experiments."*

*"We really enjoyed using chemicals to make bouncy balls!"*

*"Its great doing the experiment to look at how different liquids affect teeth by using egg shells."*

*"It was really interesting doing the hands on with fossils and rocks."*

*"I really enjoyed making electrical circuits and making the bulbs and buzzers work."*

## What does Science look like at Sebert Wood School?

Science in our school is about developing children's ideas and ways of working that enable them to make sense of the world in which they live through investigation, as well as using and applying process skills. We ensure that all children are exposed to high quality teaching and learning experiences, which allow children to develop their scientific enquiry and investigative skills. They are immersed in scientific vocabulary, which aids children's knowledge and understanding not only of the topic they are studying, but of the world around them. Planning for Science is a process in which all teachers are involved to ensure that the school gives full coverage of the National Curriculum and 'Understanding of the World' in the EYFS. Science is either linked to class topics or taught as discrete units and teachers plan to suit their children's interests, current events, their own teaching style, the use of any support staff and the resources available. As children progress throughout the school, more time is devoted each week to the teaching of Science, up to a maximum of 2 hours.

