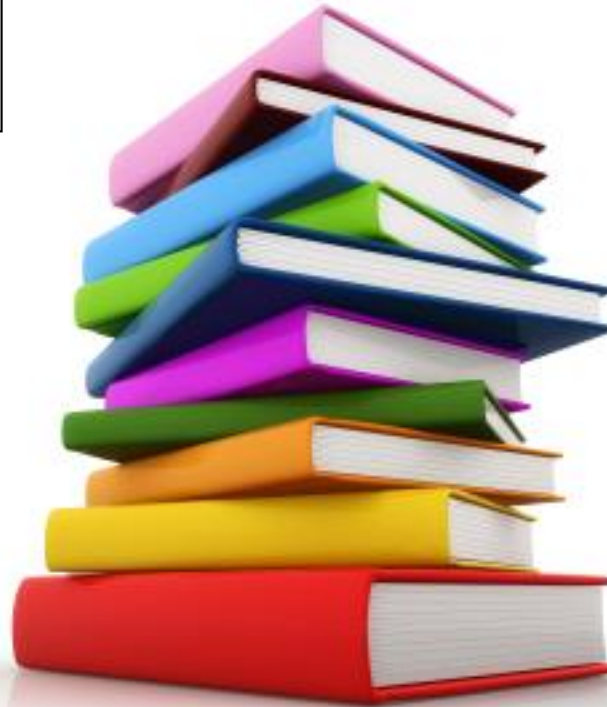


### **Our vision for Science at our school...**

At Nyewood CE Infant School each unique child will see themselves as a scientist; they will ask questions, observe and investigate the world around them.

## **Nyewood CE Infant School**

### **Science**



### **By the end of the EYFS children will...**

Be able to engage in active learning to explore and start to think critically about the world around them. They know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe. They know about similarities and differences in relation to materials and living things. They make observations of animals and plants and explain why some things occur, and talk about changes.

### **Children in our school will learn about...**

What scientists do and how to work scientifically - asking questions, predicting, observing, investigating and working together. They will learn to use the correct scientific vocabulary to communicate their findings.

Children will learn to be curious about the world around them and investigate: Plants and Animals, including Humans; Living Things and their Habitats; Seasonal Changes and the Uses of Everyday Materials.

### **By the end of Key Stage 1 children will...**

Be inquisitive and ask questions about what they notice of the world around them. To answer their questions they will participate in a range of hands-on, practical scientific investigations including observing changes over a period of time, noticing patterns, grouping and classifying things, carrying out simple comparative tests, and finding things out using secondary sources of information. They will begin to use scientific language to talk about what they find out and will communicate their findings in a variety of different ways.

### **All children will have the opportunity to...**

Ask their own questions about the world around them.

Participate in hands-on, practical science investigations.

Develop a sense of excitement and curiosity about natural phenomena.

Develop an understanding of how science can help to explain what is happening in the world around them, make predictions and analyse causes.

### **We enrich the curriculum in Science through...**

Regular, first hand experiences of the world around us.

Exploring our school grounds and the wider world through in-school and external visits.

Investigating to find out what happens when...