

## **Science: The Harris Way**



**At Harris Primary School, our aim is for every child to receive a high-quality science education providing the foundations for understanding the world.**

**We want pupils to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena.**

### **What can you expect?**

All pupils will:

be taught essential aspects of the knowledge, methods, processes and uses of science.  
build up a body of key foundational knowledge and concepts.  
encouraged to understand how science can be used to explain what is occurring, predict how things will behave, and analyse causes.  
be able to describe associated processes and key characteristics in common language, but they will also be familiar with, and use, technical terminology accurately and precisely.  
build up an extended specialist vocabulary.  
be shown how to apply their mathematical knowledge to their understanding of science, including collecting, presenting and analysing data.

### **Scientific enquire and working scientifically**

- Ask questions
- Make predictions
- Identify and classify
- Record data and report findings
- Set up enquires and understand fair testing
- Observe and record using a range of equipment
- Identify similarities and differences
- Use scientific evidence to answer questions or refute ideas.

### **Natural word**

There are multiple opportunities throughout the year for pupils to observe and identify changes in the local environment.

### **Topics**

#### **Biology**

Animals including humans  
Living things and their habitats  
Plants  
Evolution and inheritance

#### **Physics**

Everyday materials  
Seasonal changes  
Light  
Forces and magnets  
Sound  
Electricity  
Earth and space

#### **Chemistry**

States of matter  
Properties and changes of materials

**We love to talk about our Science journey – please come and ask if you have any questions!**