**Science – End of Key Stage 1 Expectations**

**Working Scientifically:**

* Ask their own questions about what they notice
* Use different types of scientific enquiry to gather and record data, using simple equipment where appropriate, to answer questions including:

• observing changes over time

• noticing similarities, differences and patterns

• grouping and classifying things

• carrying out simple comparative tests

• finding things out using secondary sources of information

* Use appropriate scientific language from the national curriculum to communicate their ideas in a variety of ways, what they do and what they find out.

**Science Content:**

* Name and locate parts of the human body, including those related to the senses, and describe the importance of exercise, balanced diet and hygiene for humans
* Describe the basic needs of animals for survival and the main changes as young animals, including humans, grow into adults.
* Describe basic needs of plants for survival and the impact of changing these and the main changes as seeds and bulbs grow into mature plants.
* Identify whether things are alive, dead or have never lived
* Describe and compare the observable features of animals from a range of groups
* Group animals according to what they eat, describe how animals get their food from other animals and/or from plants, and use simple food chains to describe these relationships.
* Describe seasonal changes
* Name different plants and animals and describe how they are suited to different habitats
* Use their knowledge and understanding of the properties of materials, to distinguish objects from materials, identify and group everyday materials, and compare their suitability for different uses.