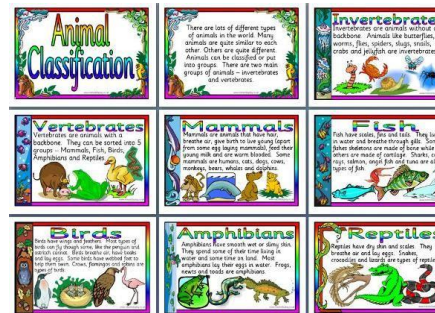


# Science Progression of Skills

## Year 1



### **Year 1 National Curriculum Objectives for Science: Children will be taught to:**

#### **Year 1 Working Scientifically**

##### KS1 Working Scientifically

Pupils will be taught to use the following practical scientific methods, processes and skills:

- Asking simple questions and recognising that they can be answered in different ways
- Observing closely, using simple equipment and measurement
- Performing simple tests
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions
- Gathering recording and communicating data and findings to help in answering questions
- Use scientific language and read and spell age-appropriate scientific vocabulary
- Begin to notice patterns and relationships

#### **Programmes of Study**

##### **Animals including Humans ( Marvellous Me)**

Identify name, draw and label the basic parts of the human body and say which part is associated with which sense.

##### **Seasonal Changes**

Observe changes across the four seasons.

Observe and describe the weather associated with the seasons and how day length varies.

##### **Everyday Materials (Fire! Fire! - The Great Fire of London)**

Distinguish between an object and the material from which it is made.

Identify and name a variety of everyday materials including: wood, plastic, glass, metal, water, rock and those that are used for houses then and now.

Describe the simple physical properties of a variety of everyday materials used in houses then and now.

Compare and group together a variety of everyday materials on the basis of their simple physical properties.

##### **Plants ( Enchanted Forests)**

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Identify and describe the basic structure of a variety of common flowering plants, including trees.

**Animals including humans (Holidays)**

Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.

Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).

**Notes**

**Children working below objectives listed above**

**Children who are working above objectives listed above**