**Year 1/ Year A Science Progression in Skills and Knowledge**

|  |  |  |
| --- | --- | --- |
| **NC Knowledge** | **Pupils not securing learning** | **Pupils achieving depth in learning** |
| **Autumn 1 and 2: Animals including humans** |  |  |
| * 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) * identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense |
| **Spring 1 and 2: Everyday materials** |  |  |
| * 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, and rock * describe the simple physical properties of a variety of everyday materials * compare and group together a variety of everyday materials on the basis of their simple physical properties. |
| **Summer 1: Plants** |  |  |
| * 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. |
| **Summer 2: Seasonal changes** |  |  |
| * observe changes across the four seasons * observe and describe weather associated with the seasons and how day length varies. |

**Year 1/ Year A Science Progression in Skills and Knowledge**

|  |  |  |
| --- | --- | --- |
| **Y1/2 Working Scientifically:** | **Pupils not securing learning** | **Pupils achieving depth in learning** |
| * asking simple questions and recognising that they can be answered in different ways |  |  |
| * observing closely, using simple equipment |  |  |
| * performing simple tests |  |  |
| * identifying and classifying |  |  |
| * using their observations and ideas to suggest answers to questions |  |  |
| * gathering and recording data to help in answering questions |  |  |