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

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| **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
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| **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.
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| **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.
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| **Summer 2: Seasonal changes** |  |  |
| * observe changes across the four seasons
* observe and describe weather associated with the seasons and how day length varies.
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**Year 1/ Year A Science Progression in Skills and Knowledge**

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| **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
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| * observing closely, using simple equipment
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| * performing simple tests
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| * identifying and classifying
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| * using their observations and ideas to suggest answers to questions
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| * gathering and recording data to help in answering questions
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