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| Animals Including Humans KS1 (Cycle A) |
| **I Know** |  |
| 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. |  |
| **I Can** |  |
| I can identify and classify |  |
| I can use observations and ideas to suggest answers to questions. |  |

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| Every day Materials KS1 (Cycle A) |
| **I Know** |  |
| 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. |  |
| **I Can** |  |
| I can observe closely, using simple equipment |  |
| I can perform simple tests |  |
| I can identify and classify |  |
| I can use observations and ideas to suggest answers to questions. |  |

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| Plants KS1 (Cycle A) |
| **I Know** |  |
| 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. |  |
| **I Can** |  |
| I can identify and classify. |  |
| I can use observations and ideas to suggest answers to questions. |  |

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| Seasonal Change KS1 (Cycle A) |
| **I Know** |  |
| Observe changes across the four seasons. |  |
| Observe and describe weather associated with the seasons and how day length varies |  |
| **I Can** |  |
| I can use observations and ideas to suggest answers to questions. |  |
| I can gather and record data to help in answering questions. |  |
| I can perform simple tests. |  |
| I can observe closely, using simple equipment |  |

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| Animals including humans KS1 (Cycle B) |
| **I Know** |  |
| Notice that animals, including humans, have offspring which grow into adults. |  |
| Find out about and describe the basic needs of animals, including humans, for survival (water, food and air). |  |
| Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. |  |
| **I Can** |  |
| I can perform simple tests |  |
| I can use observations and ideas to suggest answers to questions. |  |
| I can perform simple tests. |  |

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| Every day materials and their uses KS1 (Cycle B) |
| **I Know** |  |
| Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. |  |
| Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. |  |
| **I Can** |  |
| I can identify and classify |  |
| I can use observations and ideas to suggest answers to questions. |  |
| I can perform simple tests |  |
| I can gather and record data to help in answering questions |  |
| I can observe closely, using simple equipment |  |

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| Living Things and their Habitats KS1 (Cycle B) |
| **I Know** |  |
| Explore and compare the differences between things that are living, dead, and things that have never been alive |  |
| Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other |  |
| Identify and name a variety of plants and animals in their habitats, including micro-habitats |  |
| Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food |  |
| **I Can** |  |
| I can identify and classify |  |
| I can use observations and ideas to suggest answers to questions. |  |

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| Plants KS1 (Cycle B) |
| **I Know** |  |
| Observe and describe how seeds and bulbs grow into mature plants. |  |
| Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. |  |
| **I Can** |  |
| I can observe closely, using simple equipment. |  |
| I can use observations and ideas to suggest answers to questions. |  |
| I can perform simple tests. |  |