

Science: Key Stage 1- Year 1

Learning Challenges

What is happening in the school canteen?	Why are humans not like tigers?	Why is it not hot at Christmas?
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National Curriculum content

Biology- Animals including humans	Biology- Animals including humans	Physics – seasons
<i>Identify, name, draw and label the basic parts of the human body and say which part is associated with each sense.</i>	<i>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)</i>	<i>Observe the changes across the four seasons Observe and describe weather associated with the seasons and how day length varies</i>

Key Knowledge

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| <ul style="list-style-type: none"> Name the parts of the human body Name the senses Know which part of the body is associated with each sense | <ul style="list-style-type: none"> Know how to classify a range of animals by amphibian, reptile, mammal, fish and birds Know and classify animals by what they eat (carnivore, herbivore and omnivore) | <ul style="list-style-type: none"> Name the seasons Know about the type of weather in each season |
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Learning Challenges

What does Beegu think about life on Earth?	Which plants would you find in Boarshaw Clough?	Which scientists changed the world?
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National Curriculum content

Chemistry- Everyday materials	Biology- Plants	Scientist and Inventors
<i>Distinguish between and object and the material from which it is made Identify and name a variety of everyday materials, including, glass, metal, wood, plastic, 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>	<i>Identify and name a variety of common and wild plants, including deciduous and evergreen trees Identify and describe the basic structure of a variety of common flowering plants, including trees.</i>	

Key Knowledge

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| <ul style="list-style-type: none"> Know the names of the material an object is made from Know about the properties of materials | <ul style="list-style-type: none"> Know and name a variety of common wild and garden plants Know and name the petal, stem, leaves and root of a plant Know and name the roots, trunk, branches and leaves of a tree | <ul style="list-style-type: none"> Know what an inventor is. Name the famous inventor Alexander Graham Bell and say what he invented. Name the scientists Kwolek, Nightingale and Newton and recognise why they are famous. |
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