

## Science Coverage Lowry and Banksy (KS1) Pillowell School 2020 to 2021

	Autumn 1	Autumn 2
Working Scientifically	<p>Observing closely using simple equipment.                      Performing simple tests.                      Identifying &amp; classifying.                      Using observations &amp; ideas to suggest answers to questions.</p>	<p>Observing closely using simple equipment.                      Performing simple tests.                      Identifying &amp; classifying.                      Using observations &amp; ideas to suggest answers to questions.</p>
Plants and Animals,  Uses of everyday materials  Seasonal changes	<p><i>Recognise seasonal changes and signs of autumn and winter.</i></p> <p><i>Observe and describe weather associated with the seasons and how day length varies.</i></p> <p>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>	<p><i>Recognise seasonal changes and signs of autumn and winter.</i></p> <p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.</p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores.</p> <p>Explore and compare the differences between things that are living, dead, and things that have never been alive.</p>

	Spring 1	Spring 2
Working Scientifically	<p>Observing closely using simple equipment.                      Performing simple tests.                      Using observations &amp; ideas to suggest answers to questions.                      Gathering and recording data.</p>	<p>Observing closely using simple equipment.                      Performing simple tests.                      Using observations &amp; ideas to suggest answers to questions.                      Gathering and recording data.</p>
Plants and Animals,  Uses of everyday materials  Seasonal changes	<p><i>Recognise seasonal changes and signs of winter and spring.</i></p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.</p> <p>Distinguish between an object and the material from which it is made.</p> <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p>	<p><i>Recognise seasonal changes and signs of winter and spring.</i></p> <p><i>Observe and describe weather associated with the seasons and how day length varies.</i></p> <p>Describe the simple physical properties of a variety of everyday materials.</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>

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	Summer 1	Summer 2
Working Scientifically	<p>Performing simple tests. Identifying &amp; classifying. Using observations &amp; ideas to suggest answers to questions.</p>	<p>Performing simple tests. Identifying &amp; classifying. Using observations &amp; ideas to suggest answers to questions.</p>
<p>Plants and Animals,</p> <p>Uses of everyday materials</p> <p>Seasonal changes</p>	<p><i>Recognise seasonal changes and signs of spring and summer.</i></p> <p>Identify and name a variety of plants and animals in their habitats, including microhabitats.</p> <p>Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>	<p><i>Recognise seasonal changes and signs of spring and summer.</i></p> <p><i>Observe and describe weather associated with the seasons and how day length varies.</i></p> <p>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.</p> <p>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.</p>