

## Skills

- Observe plants and animals in different habitats throughout the year.
- Compare and contrast the living things observed.
- Use classification keys to name unknown living things.
- Classify living things found in different habitats based on their features.
- Create a simple identification key based on observable features.
- Use fieldwork to explore human impact on the local environment e.g. Litter, tree planting.
- Use secondary sources to find out about how environments may naturally change
- Use secondary sources to find out about human impact, both positive and negative on human environments.

## Knowledge

- A flowering plant produces a flower and a seed.
- A non-flowering plant doesn't produce a flower or a seed.
- To stay alive and healthy, all living things need:    Movement    Respiration    Sensitivity    Growth  
Reproduction    Excretion    Nutrition
- Changes to the environment can be dangerous to the animals and plants that live there and rely on the environment for everything they need.
- Natural changes can cause a plant or animal's environment to change.
- Human-made changes can cause a plant or animal's environment to change.

*Essential vocabulary*

<i>classification</i>	<i>The process of arranging things into groups with something in common.</i>
<i>classification keys</i>	<i>A series of questions to identify an object, plant or animal.</i>
<i>environment</i>	<i>Your surroundings. The natural world around us.</i>
<i>habitat</i>	<i>The natural home of a plant or animal.</i>
<i>human impact</i>	<i>The ways in which people affect the environment.</i>
<i>positive</i>	<i>Something good – adding something to a situation.</i>
<i>negative</i>	<i>Something bad or taking something away.</i>
<i>migrate</i>	<i>Moving from one place to another to live.</i>

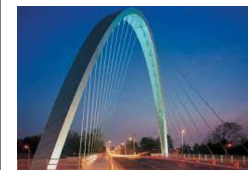
<i>Question/Vocabulary</i>	<i>Essential Knowledge</i>
<i>How would you define a flowering plant?</i>	<i>A flowering plant produces a flower and a seed.</i>
<i>How would you define a non-flowering plant?</i>	<i>A non-flowering plant doesn't produce a flower or a seed.</i>
<i>To stay alive and healthy all living things need conditions that allow them to carry out seven life processes, what are they?</i>	<div> <div><i>Movement</i></div> <div><i>Respiration</i></div> <div><i>Sensitivity</i></div> </div> <div> <div><i>Growth</i></div> <div><i>Reproduction</i></div> <div><i>Excretion</i></div> <div><i>Nutrition</i></div> </div>
<i>If a plant or animals environment is changed, what effect could this have?</i>	<i>Changes to the environment can be dangerous to the animals and plants that live there and rely on the environment for everything they need.</i>
<i>What natural changes can cause a plant or animal's environment to change?</i>	<div> <div><i>Earthquakes.</i></div> <div><i>Floods.</i></div> <div><i>Wildfires.</i></div> </div> <div> <div><i>Storms.</i></div> <div><i>Droughts.</i></div> <div><i>The seasons.</i></div> </div>
<i>What human-made changes can cause a plant or animal's environment to change?</i>	<div> <div><i>Deforestation.</i></div> <div><i>Urbanisation.</i></div> <div><i>Introducing a new animal or plant.</i></div> <div><i>Creating new nature reserves.</i></div> </div> <div><i>Pollution.</i></div>

Bridging backwards:



Year 3 Plants

Bridging forwards:



Year 5 Plants