

## Aldermoor Farm Primary School – Science Knowledge Organiser

Topic: Animal Survival	Year: Two	Strand: Biology
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What should I already know?
<ul style="list-style-type: none"> <li>understand the meaning of habitat</li> <li>different types of animal – vertebrates (mammal, fish, bird, reptile, amphibian)</li> </ul>
What will I know by the end of the unit?
<p><b>Lesson 1 - What are invertebrates?</b></p> <p>Invertebrates are animals without a backbone. Invertebrates include worms, molluscs, crustaceans, insects, arachnids and myriapods.</p> <div style="text-align: right;"></div>
<p><b>Lesson 2 – What are microhabitats?</b></p> <p>Microhabitats are small habitats within a larger habitat. Examples of microhabitats are rock pools, ponds, hedgerows and under logs and stones. Microhabitats have different living and non-living parts compared with the larger habitat.</p> <div style="text-align: right;"></div>
<p><b>Lesson 3 - Do humans help or harm habitats?</b></p> <p>Humans can damage or destroy habitats. Their actions can harm and even kill living things. Humans can help habitats. They can create new habitats, make habitats safer or provide food and shelter for living things.</p> <div style="text-align: right;"></div>
<p><b>Lesson 4 - How does a microhabitat provide everything a living thing needs to survive?</b></p> <p>Animals need water, food, air and shelter to survive. Their habitat must provide all these things.</p> <div style="text-align: right;"></div>
<p><b>Lesson 5 - How do different animals behave in different seasons?</b></p> <p>Many animals behave differently in different seasons in the United Kingdom. These different behaviours are linked to their life cycles, with spring often being the time for new offspring.</p> <div style="text-align: right;"></div>

Vocabulary	
<b>habitat</b>	A place where plants and animals live.
<b>microhabitat</b>	A small habitat contained within a larger habitat, such as a rock pool within a beach habitat.
<b>survive</b>	To continue to live or exist.
<b>shelter</b>	A place that gives protection from weather or dangers.

Where will my learning go next?
<p>Year 2 – Continuation of unit</p> <ul style="list-style-type: none"> <li>- Life cycles</li> <li>- Human needs for survival</li> </ul>

<u>Science Concepts</u>	 Processes	 Forces	 Our Planet
 Living Things	 Survival	 Materials	 Working Scientifically

### Microhabitats

A microhabitat is a small habitat contained within a larger habitat. There are different microhabitats.



rock pool



pond



hedgerow



under logs and stones

