



### Lesson Sequence



1. Learn about habitats



2. Appreciate that environments are constantly changing



3. Explore the rainforest and its problems



4. Describe life in the ocean



5. Discover the Arctic and Antarctic habitat



6. Create a model of a habitat

### Microhabitats

Insects found in microhabitats include worms, snails, ants, centipedes, millipedes and butterflies, which help to keep the microhabitat healthy.



Insects survive in their habitats because they can find the things they need to eat and drink.

### Food Chain

Animals and plants depend on each other to survive. Worms depend on plants because they feed on dead leaves and plants depend on worms to make the soil healthy.



Birds need worms to eat. Worms are a source of food for birds. If there were no worms, there would be less birds as there would be more competition for food. The soil would be less healthy without worms.

### Habitats

#### Animals living in habitat

#### Food eaten

|   |  |   |
|---|--|---|
| <br>pond         | <ul style="list-style-type: none"> <li>•Pond-skaters</li> <li>•Water snails</li> <li>•Water beetles</li> <li>•Water boatmen</li> </ul> | <ul style="list-style-type: none"> <li>•Other insects</li> </ul>  |
| <br>mountain     | <ul style="list-style-type: none"> <li>•Mountain Lions</li> <li>•Mountain Goats</li> <li>•Wildcats</li> <li>•Hare</li> </ul>           | <ul style="list-style-type: none"> <li>•Deer</li> <li>•Grasses</li> <li>•Mice and rats</li> <li>•Grasses</li> </ul>                                 |
| <br>ocean        | <ul style="list-style-type: none"> <li>•Dolphins</li> <li>•Sharks</li> <li>•Corel</li> <li>•Turtles</li> </ul>                         | <ul style="list-style-type: none"> <li>•Fish and squid</li> <li>•Fish</li> <li>•Algae</li> <li>•Sardines</li> </ul>                                 |
| <br>desert      | <ul style="list-style-type: none"> <li>•Camels</li> <li>•Fennec Fox</li> <li>•Bat</li> <li>•Bobcat</li> </ul>                          | <ul style="list-style-type: none"> <li>•Grass and wheat</li> <li>•Lizards and birds</li> <li>•Flying insects</li> <li>•Birds and rabbits</li> </ul> |
| <br>woodland   | <ul style="list-style-type: none"> <li>•Blackbirds</li> <li>•Oak Trees</li> <li>•Deer</li> <li>•Foxes</li> </ul>                       | <ul style="list-style-type: none"> <li>•Worms and insects</li> <li>•Mice and rats</li> </ul>  |
| <br>rainforest | <ul style="list-style-type: none"> <li>•Chimpanzees</li> <li>•Gorillas</li> <li>•Mahogany Trees</li> <li>•Parrots</li> </ul>           | <ul style="list-style-type: none"> <li>•Nuts, fruit, insects</li> <li>•Bamboo and fruit</li> <li>•Nuts and vegetables</li> </ul>                    |



What does a woodlouse need to survive under a log?

1. food
2. air
3. water
4. food, air and water

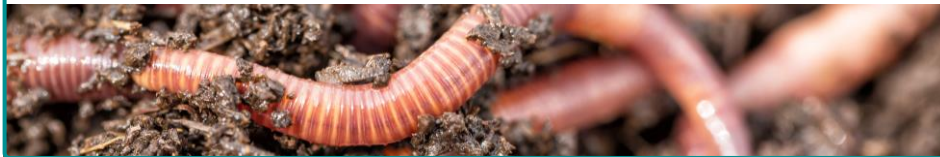
Place these in the correct place to create a simple food chain:

caterpillar    sparrow    leaves

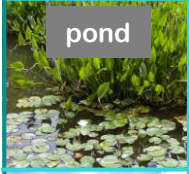

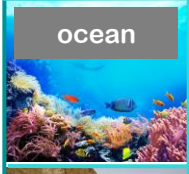





How do worms help keep their habitat healthy?

1. They wriggle
2. They hide in the soil
3. They create holes in the soil, allowing air in
4. They don't keep their habitat healthy



What do the animals below eat?

|   |  |                         |
|---|--|-------------------------|
| <br>pond         | <ul style="list-style-type: none"> <li>•Pond-skaters</li> <li>•Water snails</li> <li>•Water beetles</li> <li>•Water boatmen</li> </ul> | <hr/> <hr/> <hr/> <hr/> |
| <br>mountain     | <ul style="list-style-type: none"> <li>•Mountain Lions</li> <li>•Mountain Goats</li> <li>•Wildcats</li> <li>•Hare</li> </ul>           | <hr/> <hr/> <hr/> <hr/> |
| <br>ocean        | <ul style="list-style-type: none"> <li>•Dolphins</li> <li>•Sharks</li> <li>•Corel</li> <li>•Turtles</li> </ul>                         | <hr/> <hr/> <hr/> <hr/> |
| <br>desert      | <ul style="list-style-type: none"> <li>•Camels</li> <li>•Fennec Fox</li> <li>•Bat</li> <li>•Bobcat</li> </ul>                          | <hr/> <hr/> <hr/> <hr/> |
| <br>woodland   | <ul style="list-style-type: none"> <li>•Blackbirds</li> <li>•Oak Trees</li> <li>•Deer</li> <li>•Foxes</li> </ul>                       | <hr/> <hr/> <hr/> <hr/> |
| <br>rainforest | <ul style="list-style-type: none"> <li>•Chimpanzees</li> <li>•Gorillas</li> <li>•Mahogany Trees</li> <li>•Parrots</li> </ul>           | <hr/> <hr/> <hr/> <hr/> |



**Rocket Words**

|              |   |
|--------------|---|
| organism     | a living thing made up of one or more cells and able to carry on the activities of life         |
| rainforest   | a forest in a tropical area that receives a lot of rain   |
| endangered   | animals or plants that may soon not exist because there are very few left alive                 |
| biodiversity | a variety of plant and animal life in a particular habitat or place                             |
| ocean        | a very large area of sea; they cover 70% of the world's surface                                 |
| ecosystem    | an area where animals and plants live, and where they rely on one another to survive            |
| desert       | an area, often covered with sand or rocks, where there is very little water and not many plants |
| Arctic       | the northern polar region   |