**Knowledge Organiser**

**Year 4 – Spring 1**

**Science: Ecology**

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| Key Vocabulary | Definition |
| **Habitat** | The natural home or environment of an animal, plant, or other organism. |
| **Producer** | A living thing, usually a plant, which produces its own food. |
| **Consumer** | A living thing, usually an animal, which feeds on plants or other animals. |
| **Decomposer** | A living thing, usually a bacterium or fungus, which breaks down the cells of dead plants and animals into simpler substances. |
| **Ecosystem** | A system formed by the interaction of organisms with their environment. |
| **Pollution** | A system formed by the interaction of organisms with their environment. |

* All these organisms share an ecosystem.
* The ecosystem will change if anything new comes into the web or leaves it.





* Air pollution is one way that humans can damage the environment.
* Exhaust from vehicles and smoke from factories can cause air pollution