
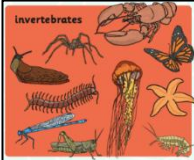





St John Fisher RC Primary School

Year 4 Knowledge Organiser – Summer One - Science

| What we will be learning | Key Facts to Remember | | |
|---|--|---|---|
| <p>Data Collection C Lesson 1 and 2 I know:</p> <ul style="list-style-type: none"> • How to classify, record and analyse data about living things <p>Habitats Lesson 3 and 4 I know:</p> <ul style="list-style-type: none"> • The different types of habitats • Why animals live in a particular habitat • How to classify plants and animals • The impact of human activity on a habitat <p>Deforestation Lesson 5 I know:</p> <ul style="list-style-type: none"> • What deforestation is • The impact of deforestation on the rest of the world | <ul style="list-style-type: none"> • Living organisms can be grouped in many ways, such as by their characteristics, habitat, or behaviour. • Classification keys are tools that help identify, group, and name organisms based on their specific features. • Plants can be grouped into categories, like flowering and non-flowering, or by their seeds, leaves, and stem types. • Environmental changes, such as local housing development, can disrupt habitats and pose risks to living organisms. • Deforestation has both positive and negative impacts, such as creating space for agriculture or housing, but it also destroys habitats and reduces biodiversity. • Human activity influences ecosystems and understanding these effects helps promote better environmental stewardship. | | |
| | Key Vocabulary and Glossary | | |
| | Amphibian | Cold blooded animals that live on land and in water | |
| | Bird | Egg laying animals with feathers, wings and beaks | |
| | Characteristic | Feature or quality belonging to a creature | |
| | Classification | Grouping or sorting of similar organisms | |
| | Conservation | The protection of endangered creatures | |
| | Deforestation | The intentional removal of trees and forests | |
| | Endangered | Creatures that may die out | |
| | Environment | The surroundings where a creature lives | |
| | Extinct | Creatures that have died out | |
| | Habitat | A natural home or environment of a creature | |
| | Invertebrates | An organism without a backbone | |
| | Vertebrates | An organism with a backbone | |
| <p>Key Knowledge: Living things can be sorted into different groups based on their features. We use classification keys to help us name and identify animals and plants. For example, we can group plants by looking at their leaves, flowers, or seeds. Changes to the environment, like building houses, can be harmful to plants and animals by destroying their habitats. In the rainforest, cutting down trees (deforestation) can have both good and damaging effects. It provides land for farming or homes but also harms animals and plants that live there. Knowing these things helps us take better care of nature.</p> |  |  |  |