



Jerry Clay Academy  
Subject Knowledge Organiser



Subject: Science (Living things and their habitats) Year Group: 4 Term: Spring

### Core Learning of This Unit:

- To explore and use classification keys to help group, so that we can identify and name a variety of living things in the wider environment.
- To research endangered animals so that we can explore the impact on living things and their food chains if an environment changes.
- To understand how different animals are adapted to living in the rain forest so that we can create our own rainforest animal.
- To understand how living things get energy from their food so that we can draw rainforest food chains
- To compare living things found in the rainforest and those found on a palm oil plantation so that we can begin to understand about the importance of biodiversity in our local area and the wider area

### Prior Learning:

- From Year 2 children should:
- Know difference between living and dead and never been alive
- Know basic habitats and needs of plants and animals
- Identify a variety of plants and habitats
- Describe how animals obtain food from plants and the idea of a simple food chain



### National Curriculum Statements:

Pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things

### Key Vocabulary:

- Classify: to group things so that they can be identified.
- Key: a series of questions that helps identify or group/classify things.
- Organism: a living thing, animal or plant.
- Habitat: a place where something lives.
- Invertebrate: an animal without a backbone.
- Insect: an animal with six legs.
- Millipede: an animal with two legs to each body segment.
- Centipede: an animal with one leg to each body segment.
- Mammal: an animal that gives birth to live young.
- Bird: an animal that flies and has an internal skeleton.
- MRSGREN

### Significant People

Pablo Garcia Borboroglu, an Argentinian marine biologist spearheading a global campaign to protect penguins, was honoured with the gold award for his outstanding contribution to nature conservation.