

# Science Overview – Living things and their habitats

## Year 3/4 Cycle A

### Autumn 1

#### Key Question: How do human actions affect our planet?

##### National Curriculum

- 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.

##### SUBSTANTIVE KNOWLEDGE

- Know that there are 7 life processes (MRS GREN) that living things need to stay alive and healthy.
- Know that plants and animals rely on the environment to give them everything they need.
- Know that changes (natural or human made) to the environment can impact on the living things living there.
- Know that living things can be sorted into different groups depending on their characteristics.
- Know that classification keys help us to group and identify living things.
- Know how to use a classification key.
- Know the difference between a vertebrate and invertebrates.

##### Key words:

**life processes**  
**classification**  
**characteristics**

##### Vocabulary

organisms, respiration, sensitivity, reproduction, excretion, nutrition, environment, endangered species, extinct, vertebrates, invertebrates

##### Working scientifically

Report on findings from enquiries including oral, written explanations, displays or presentations of results and conclusions

##### Enquiry type to cover and enquiry question

**Research using secondary sources (enquiry type)**

Why are people cutting down the rain forest and what effect does that have?

##### Learning Milestones /Assessment

I can...

- Identify the seven life processes (MRS GREN)
- Explain what vertebrates and invertebrates are.
- Use a classification key to identify living things.
- Write questions for my own classification key.