



| | | | | | |
|----------------|---------|--------------|----------------------------------|-------------|----------|
| Subject | Science | Theme | Living things and their habitats | Term | Summer 1 |
|----------------|---------|--------------|----------------------------------|-------------|----------|

| What should I already know? |
|---|
| <ul style="list-style-type: none"> - the differences between things that are living, dead, and things that have never been alive - that most living things live in habitats to which they are suited and be able to describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other - a variety of plants and animals in their habitats, including microhabitats - how animals obtain their food from plants and other animals, rather than creating their own food in their bodies |

| Working Scientifically |
|---|
| <p>Classifying living things according to different criteria</p> <p>Record findings using classification keys and chains</p> <p>Present findings (of investigation into what a living thing is)</p> <p>Identify differences between living things using careful observation</p> |

| Investigations |
|--|
| <ul style="list-style-type: none"> - What makes a thing alive? - How can living things be grouped and sorted? - What are vertebrates, and how can they be classified? - What are invertebrates, and how can they be classified? - What is a food chain and what are producers, predators, prey and consumers? |

| What should I know by the end of the unit? |
|---|
| <ul style="list-style-type: none"> • that living things can be grouped in a variety of ways • how to use and make classification keys to help group, identify and name a variety of living things in their local and wider environment • to know how to construct and interpret a variety of food chains, identifying producers, predators and prey. |

| <p>M – movement R – reproduction S – sensitivity</p> <p>G - growth R – respiration E – excretion N – nutrition</p> |
|--|



| Key Vocabulary | |
|-----------------------|---|
| living | Living is being alive: grow, move, reproduce, respire, sense, take in nutrition, excrete waste. |
| classify | sort or arrange in classes or categories according to shared qualities or characteristics. |
| vertebrate | An animal with a backbone and a skeleton for support and protection |
| invertebrate | A creature with no backbone |
| producers | An organism that makes its own food |
| predator | Animals that hunt, or prey on, and eat other animals |
| prey | An animal that is hunted and killed by another for food |
| consumer | a living thing that eats other organisms to obtain energy |