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| ***Words to know and spell (Tier 2 Vocabulary)*** | | |
| Fish | Carnivore | Herbivore |
| Omnivore | Backbone | Environment |
| Grow | Adults | Nutrition |
| Survival | Water | Food |
| Air | Infection | Healthy |
| Alive | Vitamins |  |

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| ***Words to understand and spell (Tier 3 Vocabulary)*** | |
| **Exercise** | Moving parts of the body regularly to become healthy and stronger. |
| **Hygiene** | A collection of habits that keep your body clean and heathy. |
| **Emotional Health** | To know your emotions of how you are feeling. |
| **Balanced Diet** | A variety of foods which eaten regularly, consist of a healthy set of meals. |
| **Germ** | Tiny living things that we cannot see. They live in our body and can cause disease. |
| **Offspring** | An animal’s young. |

** KS1 – Science KCV – Animals including Humans**

• Know that a trout is an example of fish, a frog is an example of an amphibian; a lizard is an example of a reptile; a robin is an example of a bird; a rabbit and a human are examples of a mammal (Year 1)

• Know that herbivorous animals eats plants; a carnivorous animal eats other animals; omnivorous animals eat both animals and plants (Year 1)

• Know that animals, including humans, need food, water and air to survive

• Know that animals, including humans, have offspring which grow into adults

• Know the basic food groups: fruit and vegetables, carbohydrates, protein, dairy, fat and sugary foods

• Know that proteins are good for growth, carbohydrates for energy and fruit and vegetables provide vitamins and minerals which help keep us healthy (e.g. calcium for healthy bones and teeth)

• Know that more than half of our diet should be made up of carbohydrates, fruit and vegetables

• Know that fats and sugary foods should be eaten rarely and in small amounts

• Know that people need to exercise often to help their body stay strong and fit

• Know that keeping clean, including washing and brushing teeth, is an important part of staying healthy

• Know about the life of Elizabeth Garrett Anderson, the first British female physician and surgeon.

***Key facts to learn:***

***Concept check questions. Test yourself:***

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| Do all animals have babies? Are they all born in the same way?  What do animals need to stay alive?  What is exercise and why is it important?  Which are the healthiest foods to eat?  Why is it important to wash ourselves and brush our teeth? |
| **Opportunities for Investigation:**  **Observing over time:** How much food and drink do I have over the week? |
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• Ask simple questions and recognise that they can be answered in different ways.

• Observe closely, using simple equipment

• Perform simple tests

* • Identify and classify
* • Use my observations and ideas to suggest answers to questions

• Gather and record data to help in answering questions

***Key skills to do:***

**Year 1/2 – Science – Spring 1 – Heyford Park School**

**Year 5 – Science – Autumn 1 – Heyford Park School**