

**Y3/4 Year A Spring Term 2**

**Topic: Staying Local – Same Place, Different Queen**

**Subject: Science – Health and Movement**

**National Curriculum Objectives**

**Y3**

- identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- identify that humans and some other animals have skeletons and muscles for support, protection and movement
- asking relevant questions and using different 8 types of scientific enquiries to answer them
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- identifying differences, similarities or changes related to simple scientific ideas and processes

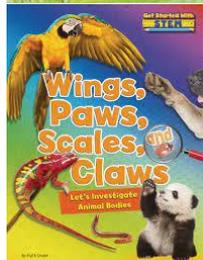
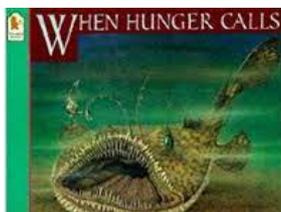
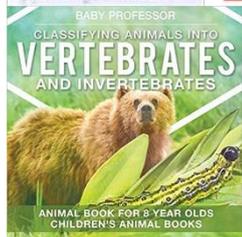
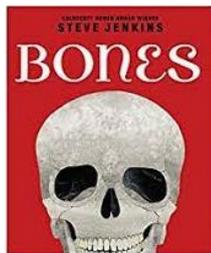
**Links to our school values**

Thankfulness

Respect

**Texts to support learning:**

**Non-Fiction:**



**Key Knowledge and Vocabulary**

Know that humans get **nutrition** from what they eat  
Identify and group a variety of foods  
Recognise foods for **growth** and foods for **energy**.

Know that humans need to eat to grow and move  
Know and understand what is meant by the term '**balanced diet**'.  
Identify and describe which **food groups** we should eat most of and which food groups we should eat least of.  
Name and identify a range of foods from which we get **carbohydrates/protein**

Know that different animals have different **diets**  
Know that animals are either **carnivores, omnivores or herbivores**.  
Recognise whether an animal is a herbivore, carnivore or omnivore.  
Use secondary sources to find out about the diets of different animals

Carry out an investigation/study a set of results to find out what pets eat  
Pose questions that can be investigated  
Gather data systematically  
Present and evaluate the results of an investigation

Know that animals with a **skeleton** are called **vertebrates**  
Identify and know the name for different bones in the human skeleton  
Compare bones in animal and human skeletons

Know that animals without a backbone are called **invertebrates**  
Know the difference between vertebrates and invertebrates  
Name a range of vertebrates and invertebrates  
Know that internal skeletons support and protect the body  
Know how the bodies of invertebrates support and protect them

Know that **muscles** help us move  
Know that muscles work in pairs to move different parts of the body  
Know that some animals have strong muscles for particular purposes