St Peter's Roman Catholic Primary School

Science Year 3

Skeletons and movement

What is this topic about? In this topic you will learn about what a skeleton is and why we need it. You will find out if all animals have skeletons and how we group animals according to this feature. We will also learn about muscles and how they work.



I will show my scientific skills by…

- **Identifying and grouping** animals with and without skeletons.
- **Observing** and **comparing** their movement.

Exploring ideas about what would happen if humans did not have skeletons.

At the end of the Topic I will know…

- Humans and some other animals have skeletons and muscles for support, protection and movement.
- Animals which have a back bone (spine) are known as vertebrates and those which don't are called invertebrates
- The name and locations of the skull, backbone, ribs, bones for movement/limbs, pelvis and the name some of the vital organs protected.
- Muscles, which are attached to the skeleton, help animals move parts of their body.

KEY VOCABULARY

Vertebrates- animals which have a **back bone (spine)**
Invertebrates – animals without a back bone
Muscles – when they move they **contract and relax**
Words relating to skeletons e.g. **ribs, spine, skull,**
Features of skeletons: **movement, support, protection (organs)**
Invertebrates - insects, minibeasts
Vertebrates - mammals, reptiles, fish, birds, amphibians