

Year Group: 4

Term: Autumn

Science Unit

Animals including Humans



Key teaching concepts:

S2.1n Identify that humans and some other animals have skeletons and muscles for support, protection and movement and understand how this is beneficial.

S2.1o To identify simple parts of the human skeleton and muscles and understand their purpose within the body.

S2.1p Describe the simple functions of the basic parts of the digestive system in humans.

Working Scientifically focuses and practical experimentation:

S2.1a Ask relevant questions and use different types of scientific enquiries to answer them

S2.1c Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers

S2.1d Gather, record, classify and present data in a variety of ways to help in answering questions

Killer Questions—those asked to measure understanding of pupils:

What is the skeleton? What is its purpose in the body of a human or animal?

What are muscles? What are their purpose in the body of a human or animal?

Can you identify key bones and muscles in the body of a human and describe their function?

Vocabulary

Humans, skeletons, muscles, support, protection, movement, growth, joints, ligaments, bones, functions, digestive system, skull, spine, rib cage, vertebrae, x-ray, calcium, connective tissue, oesophagus, stomach, large intestine, small intestine, bowels.