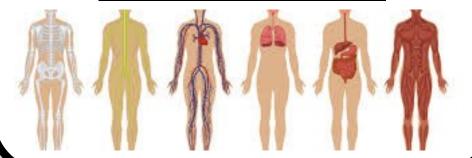
Year Group: 4 Term: Autumn

## 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.
- S2.10 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.