

Golden Concepts

Asking scientific questions

Planning an investigation

Collecting, presenting and interpreting data

Errors and uncertainty

Science in our world

Key Vocabulary

Living	A living thing shows signs of carrying out life processes
Mechanical digestion	Food that is broken into small pieces by movement e.g., by the teeth
Growth	Growth is the process by which a living thing gets bigger
Skeleton	Bones which provide our body with structure and protection
Muscles	Work with bones to produce movement
Habitat	The home of an animal or plant
Digestive system	The body system used to break down food and provide our body with nutrients
Stomach	An organ where acid helps to break down our food.
Circulatory system	The body system which that transports blood around the body
Heart	Organ that pumps blood – part of the circulatory system

Animal KS2 - Knowledge Organiser

**Plants and Animals:** Recognizing that living things have offspring, and animals and plants need the right conditions to grow and thrive.

**Skeletons and Muscles:** Exploring the basic structure and function of skeletons and muscles in animals, including humans.

**Living Things and Their Habitats:** Classifying living things based on observable characteristics.

**Animals, Including Humans:** Understanding the digestive system and teeth in animals, including humans  
Exploring the circulatory system and how nutrients and water are transported in animals, including humans.  
Learning about the impact of diet, exercise, drugs, and lifestyle on the way their bodies function

