



St Leo's and Southmead
Catholic Nursery and Primary
School

Year
Three

Science Knowledge Organiser

Autumn

Animals Including Humans

Amazing Activities

Create a class display of their learning and share with parents/carers alongside fun did you know, true/false activities

Key Concepts

Animals, including humans, need the right types of nutrition

Animals, including humans, cannot make their own food; they get nutrition from what they eat

Identify food groups and the role they play in nutrition (carbohydrates for energy etc)

Identify which foods belong to which food groups (eg, meat is protein)

Humans and some animals have skeletons inside their body

Some animals have skeletons on the outside of their body

Some animals have no skeleton

Skeletons and muscles give support, protection and movement to humans and some animals

Key Vocabulary

healthy	in a good physical and mental condition
nutrients	substances that animals need to stay alive and healthy
energy	strength to be able to move and grow
saturated fats	types of fats, considered to be less healthy, that should only be eaten in small amounts
unsaturated fats	fats that give you energy, vitamins and minerals
vertebrate	animals with backbones
invertebrate	animals without backbones
muscles	soft tissues in the body that contract and relax to cause movement
tendons	cords that join muscles to bones
joints	areas where two or more bones are fitted together

Skills

- Raise their own relevant questions about the world around them
- Begin to make some decisions about which type of enquiry will be the best way to investigate their questions.
- Begin to look for naturally occurring patterns and relationships and decide what data to collect to identify them
- As part of a pair or group identify and discuss criteria for grouping, sorting and classifying
- Begin to recognise when and how secondary sources might help them to answer questions that cannot be answered through practical investigations

Curriculum Links
Speaking and listening, research, statistics

Nutrient	Found in... (examples)	What it does/they do
carbohydrates		provide energy
protein		helps growth and repair
fibre		helps you to digest the food that you have eaten
fats		provide energy
vitamins		keep you healthy
minerals		keep you healthy
water		moves nutrients around your body and helps to get rid of waste