



We are Scientists...

Animals Including Humans

We are curious, we are unique, we are together, we are Whiteshill!

Food Chains

Producers – make their own food e.g. plants get their energy from the sun

Predators – animals that eat other animals e.g. lion

Prey – animals that are eaten by others e.g. mouse.

Skeletons and Muscles

Support, protection, movement



Teeth

Incisors and canines – cut and tear food.
molars and pre-molars – chew and grind

Types of animal

Fish – have gills, fins and live in the water e.g. goldfish and trout

Amphibian - have a back bone and are able to live in both water and on land e.g. frog, toad

Reptile - cold blooded and lay a soft-shell egg e.g. snake and tortoise

Birds - wings, feathers and beak and lay a hard-shelled egg e.g. chicken and house martin

Mammals - warm blooded and give birth to live young e.g. human, dog and dolphin

What do animals eat?

Carnivores – meat eaters e.g. badger, fox, otter

Herbivores – plant eaters e.g. rabbit, red deer

Omnivores – eat plants and meat e.g. red squirrel, hedgehog

How to stay healthy

Exercise, variety of food, hygiene

Drugs

Something you eat or drink that has an effect on your body – good or bad

Impact of exercise

Circulation, stamina and fitness, strength.

Life processes common to all living things

Movement, Reproduction (having offspring), Sensitivity (using the 5 senses), Nutrition (food), Excretion (getting rid of waste!), Respiration (breathing), Growth

Digestive System

Mouth - breaks food in to smaller pieces

Oesophagus - squeezes it down to stomach

Stomach - breaks it down with acid and releases nutrients

Small intestine - absorbs nutrients into the blood

Large intestine - water absorbed and waste removed

Circulatory System

Heart - strong muscle which contracts and relaxes to pump blood around your body

Blood vessels - three types – arteries carry blood away from the heart, veins carry blood back to the heart and capillaries carry blood in to your organs and tissues.

Blood - red blood cells transport oxygen, white blood cells protect against disease, platelets clot and form scabs, plasma carries these cells and nutrients around the body.

Jamie Oliver
Healthy Chef



Joe Wicks
The Body Coach

