# St John's Primary School: Science knowledge organisers

Year group: Year 3

Science focus: Animals, including humans



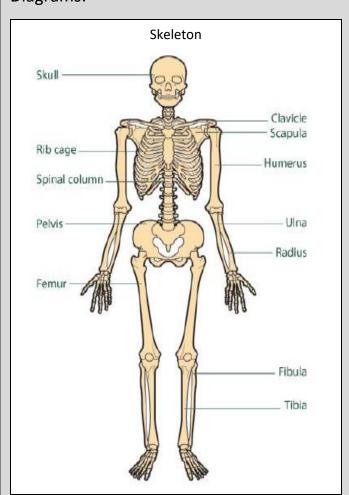
# Key knowledge:

	Nutrition	
What is	Animals and humans getting the	
nutrition?	food that they need in order to	
	grow and be healthy.	
Can we make	NO!	
our own food?	Humans need to get their food by	
	either growing it, hunting it or	
	gathering it.	
Growing food	Planting seeds that they can later	
	harvest.	
Hunting food	Hunting animals and killing them so	
	they can be eaten.	
Gathering	Finding food that has grown in the	
food	wild.	
Ç	skeletons and muscles	
A skeleton is a s	tructure of bones that supports the	
body of a person or animal.		
12 parts of the	Skull, clavicle, scapula, rib cage,	
skeleton we	humerus, spinal column, pelvis,	
should know	ulna, radius, femur, fibula and tibia.	
Muscles are soft	tissue in the body that contracts	
and relaxes to ca	ause movement of the skeleton.	
Common	Biceps, bdominals and quadriceps.	
muscles on		
the front of		
the body		
Common	Trapezius, deltoids, triceps, lower	
muscles on	back, gluteals, hamstrings and	
the back of	calves.	
the body		

### Key vocabulary:

Contract	When a muscle becomes smaller,	
	shorter and tighter	
Relax	When a muscle becomes bigger, longer	
	and loose	

## Diagrams:



#### Possible experiences:

Grouping animals with or without skeletons.

Use cotton buds on black paper to map out the human skeleton.

Use blue-tac to show the need for warming up muscles.

Test relationships in the body, e.g. does wingspan = height?

# Key concepts:

Grouping	Identifying	
Describing		