



Year: Three

Subject: SCIENCE

Topic: Animals including humans.

1. What I should already know:

Y1 – I can draw and label the basic parts of the human body.

Y2 – I can explain the basic stages in a life cycle.

I can explain the importance of exercise, eating the right amounts of different types of food, and hygiene.

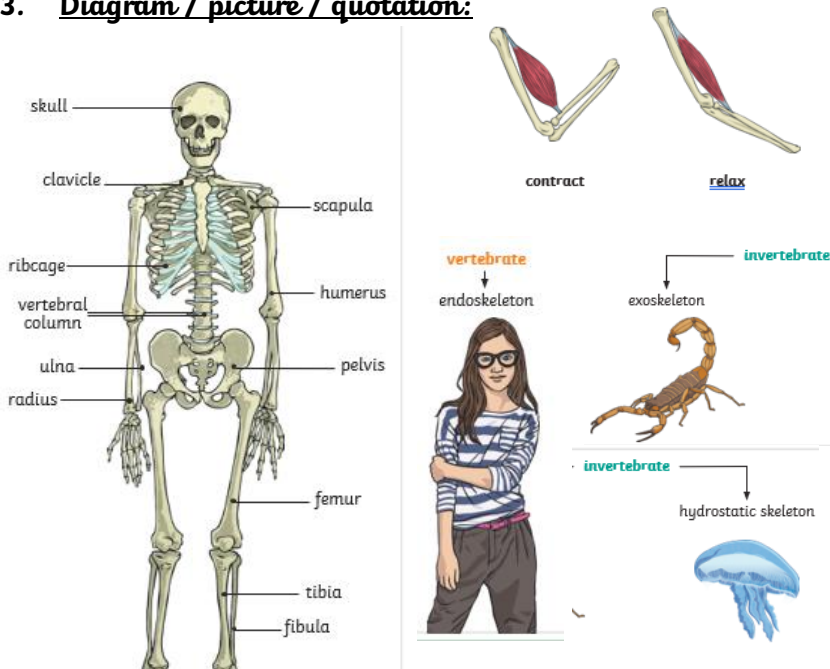
I can explain that animals, including humans, have offspring which grow into adults.

I can describe the basic needs of animals, including humans, for survival (water, food and air)

2. What I am going to learn:

- That living things, including humans, need the right types and amounts of nutrition to grow and be strong and healthy.
- Plants can make their own food, but animals cannot.
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement.
- Many animals have skeletons to support their bodies and protect vital organs.
- Animals without internal skeletons have adapted other ways to support themselves, move and protect their vital organs.
- Bones work with muscles to help movement.

3. Diagram / picture / quotation:



4. Important vocabulary and facts:

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

5. Resources and skills to help me learn.

You can keep a diary of your food for a week. Can you decide which foods belong to each nutritional group?

Can you move the different parts of your body? What bones or muscles are moving?