



Year 3 & 4 Science Knowledge Organiser

Animals inc. humans – nutrition, skeleton and muscles.



Sticky Knowledge

- Food provides energy for living things.
- All animals have specific diets that meet their unique needs.
- We get our energy from carbohydrates, proteins and fats.
- The skeleton provides support and protection.
- Muscles work in pairs to move our bones.

Key Skills

- Identify and classify food according to their food groups
- Ask relevant questions and use scientific enquiry to answer them
- Use scientific vocabulary to discuss and write about what we have found out.
- Record findings / results using simple charts, labelled diagrams and drawings.

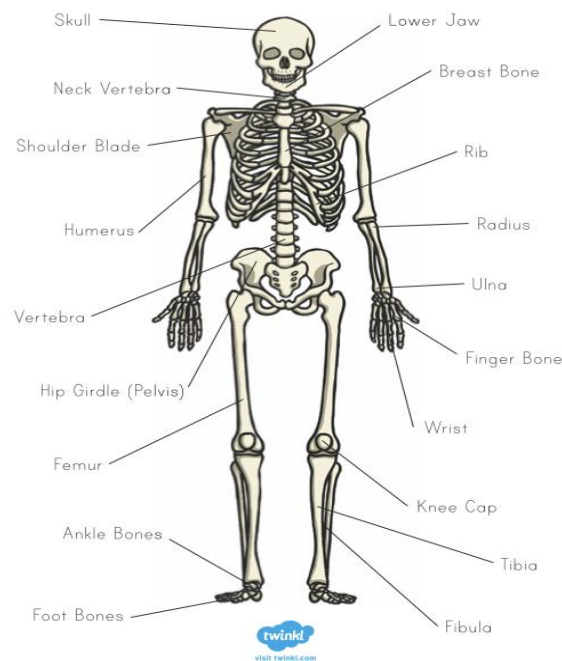
Vocabulary Recap

balanced	A wide variety, in proportion
oxygen	In the air all around us
healthy	Your body and mind working at their best

Key Vocabulary

skeleton	The strong framework of bones inside the body of a human or animal
muscles	Soft, stretchy tissues in the body that allow us to move
nutrition	Finding or obtaining food and nutrients essential for growth, health and energy
diet	The type and range of food that an animal or human eats regularly
energy	The fuel that food and drink provide

The Human Skeleton



Resources

BBC Bitesize:

<https://www.bbc.co.uk/bitesize/articles/ztwcbaq>

<https://www.bbc.co.uk/bitesize/topics/zcyycdm/articles/zf284xs>

