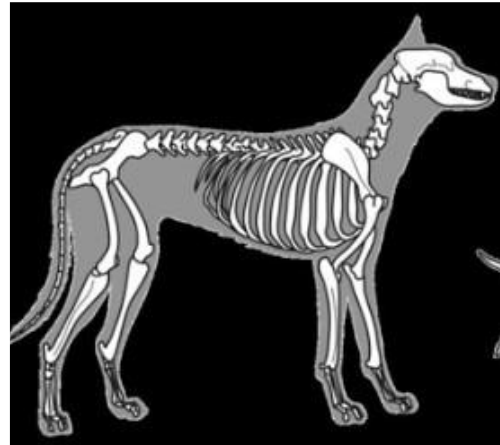


Science -Animals Including Humans

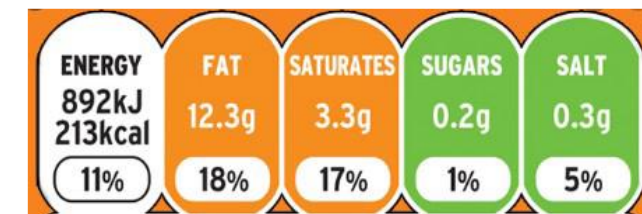


Key Vocabulary

endoskeleton	the internal skeleton of an animal, especially the bony skeleton of vertebrates
exoskeleton	the protective or supporting structure covering the outside of the body of many animals
joints	the junction between two or more bones
muscles	something inside your body which connects two bones and which you use when you make a movement
nutrition	Study of food and how it works in your body
skeleton	The framework of bones in your body.
skull	A case of bone that forms the skeleton of the head and face.
vertebrate	a creature which has a spine

What I will know by the end of the unit

- ❖ Identify that animals, including humans, need the right types and amount of nutrition and that they get nutrient from what they eat.
- ❖ Identify that humans and some other animals have skeletons and muscles for support, protection and movement.



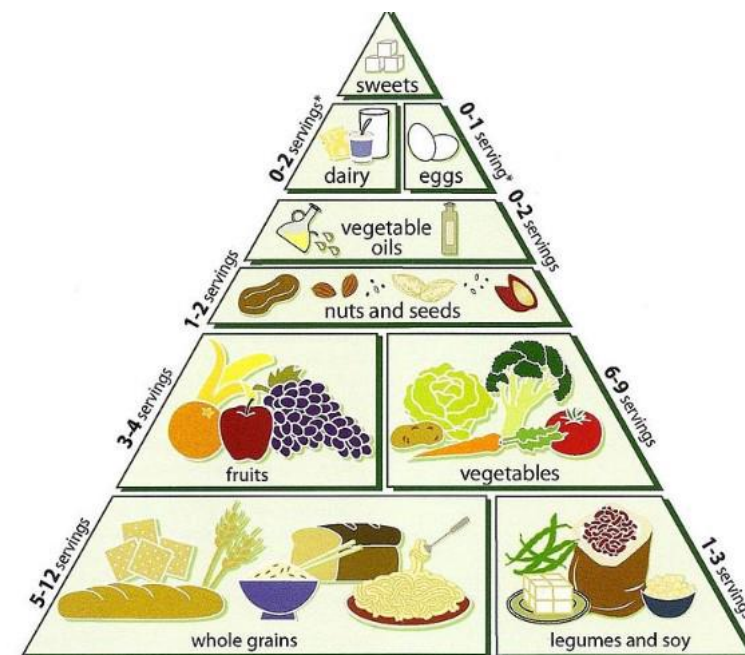
What I should already know

.The parts of the human body and what they do.

- There are five types of **vertebrates** (mammals, fish, reptiles, amphibians, birds)
- Vertebrates** are animals that have a **backbone**.
- Invertebrates are animals that do not have a backbone.
- All animals need water, air and food to survive.
- The different ways in which humans can be healthy.

All animals need water, air and food to survive.

- The different ways in which humans can be healthy.
- Examples of healthy and unhealthy food choices.



* A reliable source of vitamin B12 should be included if no dairy or eggs are consumed.

Other Lifestyle Recommendations: Daily Exercise, Water—eight, 8 oz. glasses per day, Sunlight—10 minutes a day to activate vitamin D

Investigate!

Identify and group animals with and without **skeletons** and compare the ways in which they move.

- Match animals to their **skeletons** and explain your reasons for this.
- Explore ideas about what would happen if humans did not have **skeletons**.
- Identify which **bones** are used for **support** (e.g. **backbone**), which are used for **protection** (e.g. cranium) and which are used for movement (e.g. joints)

Research how different foods contribute to a varied **diet**.

- Design meals based on your research.
- Learn about how to prepare food **hygienically**.