

WHAT SHOULD I ALREADY KNOW?

- Know and describe the basic needs of animals, including humans to survive (water, food, light and air).
- Describe the importance of exercise, eating the right amounts of different foods and hygiene.

NOTABLE SCIENTIST

WILHELM ROENTGEN

Wilhelm discovered X-Rays in 1895. He did this completely by accident!



He was testing something else and accidentally made an X-Ray of himself. He didn't know what the picture showed at first, so he called them 'X' which stands for unknown. So really... they are called 'unknown rays'. We know now that what he saw were bones.

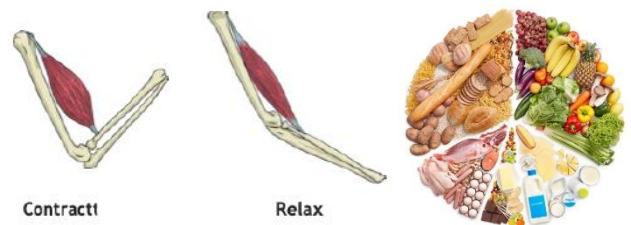
We use X-Rays all of the time now, they help us a lot, especially when someone is injured.

STICKY KNOWLEDGE

- Skeletons are vital to help protect our organs and support our bodies so that we can stand.
- Movable joints connect bones together and muscles surround them to help the living thing move.
- To keep healthy, you need a balanced diet, which uses all of the food groups: protein, fats, carbohydrates, vitamins/minerals and dairy.
- Different animals need different amounts of each food group for different reasons.

VOCABULARY

Muscles	Muscles are inside your body and connect 2 bones together. They are used when you move.
Joints	Where two bones of the skeleton meet and join together.
Skeleton	All of the bones inside your body
Protect	To keep something safe
Nutrients	Important parts of food that the body needs to grow
Organs	A part of your body that performs a function.
Balanced Diet	A variety of food featuring all the different good groups.
Working Scientifically	Asking questions, designing experiments and recording the results.



Contract

Relax

WEAVING CONCEPTS



ENQUIRY TYPES

1. Observing changes over time
2. Pattern Seeking
3. Grouping & Classifying
4. Fair Testing
5. Research

