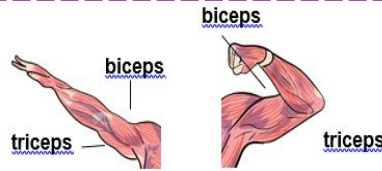




Y3 Science – Animals and Humans



To **straighten** our arm, our **biceps relax** and our **triceps contract**. This straightens our arm.

To **bend** our arm, our **biceps contract** and our **triceps relax**. This allows us to bend our arm at the elbow joint.

When we **stretch** our muscles, they become **longer** and **thinner**.

When we **contract** our muscles, they become **shorter**.

Our scientist this term is

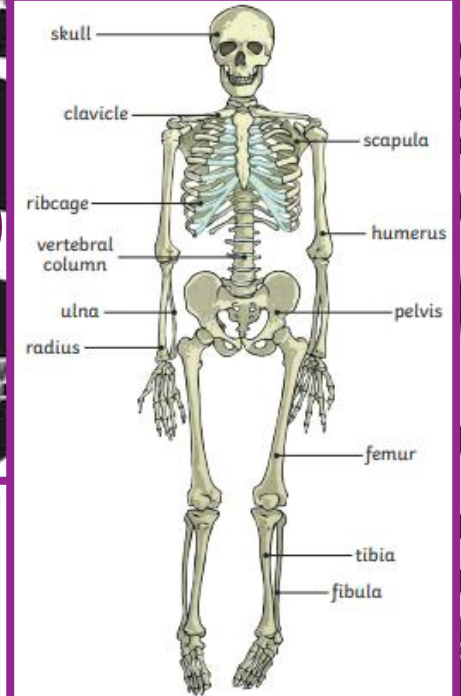


Marie Curie

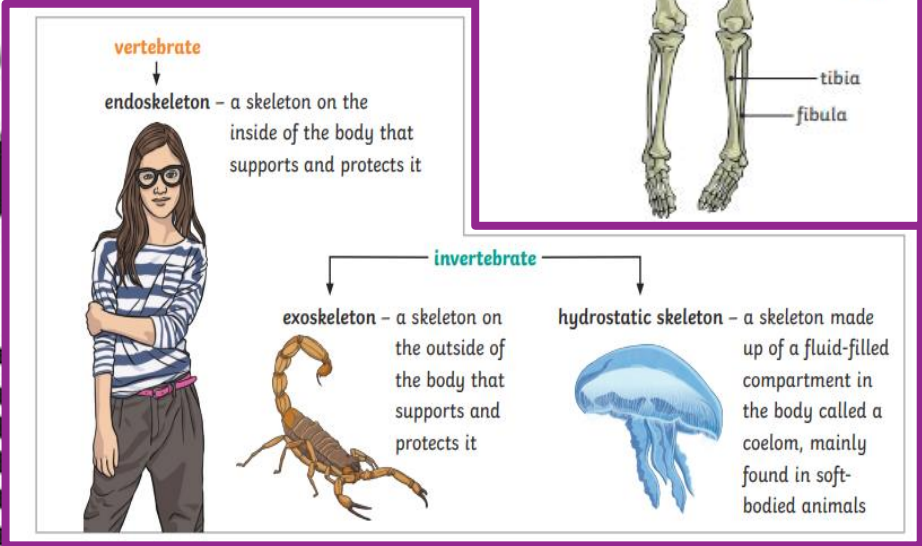
I created the first mobile x-ray units that could be driven to battlefields in France.



Nutrition is when we eat food to **give us energy**. Adults and children need lots of energy to help them **keep moving** and keep their **bodies healthy!**



Nutrient	Found in... (examples)	What it does/they do
carbohydrates		provide energy
protein		helps growth and repair
fibre		helps you to digest the food that you have eaten
fats		provide energy
vitamins		keep you healthy
minerals		keep you healthy
water		moves nutrients around your body and helps to get rid of waste





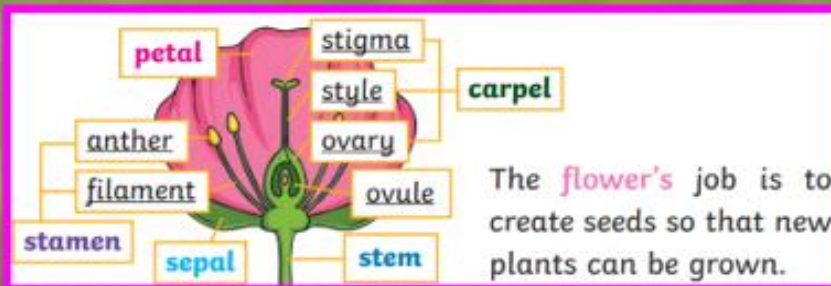
Y3 Science – Plants



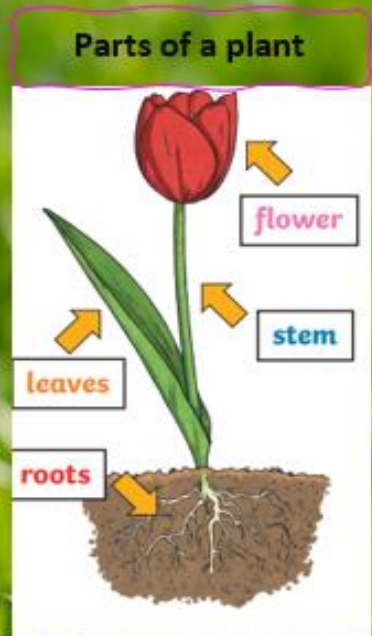
Seed dispersed by: water, eating, fallen, shaking, popping and carrying



For a plant to grow it needs water, light, nutrients from the soil, air and space to grow.



Key word	Definition
Roots	These anchor the plant to the ground and absorb water and nutrients from the soil
Stem	This holds the plant up and carries water and nutrients from the soil to the leaves.
Leaves	These make food for the plant using sunlight and carbon dioxide from the air.
Flowers	These make seeds to grow into new plants. Petals attract pollinators like bees.
Nutrients	Plants get nutrients to help them survive from the soil and make their own in their leaves.
Evaporation	A liquid turns into a gas.



How Water Moves through a Plant

1. The **roots** absorb water from the soil.
2. The **stem** transports water to the **leaves**.
3. Water **evaporates** from the **leaves**.
4. This **evaporation** causes more water to be sucked up the **stem**.

The water is sucked up the **stem** like water being sucked up through a straw.



I am Joseph Banks and I was the first person to introduce over 80 new species of plants to the Western world.