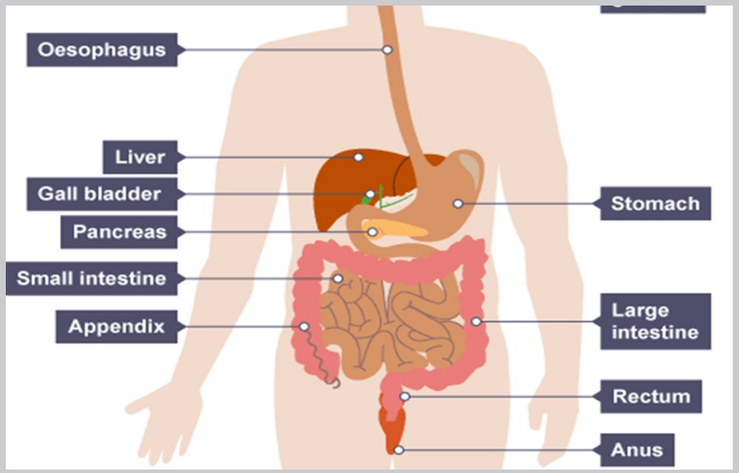
Science

Year 7 Term 2

Trinity Academy Bradford

1. Biology

Stomach	Where ingested food is stored and broken down.
Small intestine	Where food molecules are absorbed into the blood.
Large intestine	Where water molecules are absorbed into the blood.
Enzymes	Biological catalysts.



Diet

Nutrient groups:

- Carbohydrates (for energy)
- Protein (for growth and repair)
- Lipids (for energy and insulation)
- Fibre
- Vitamins
- Minerals

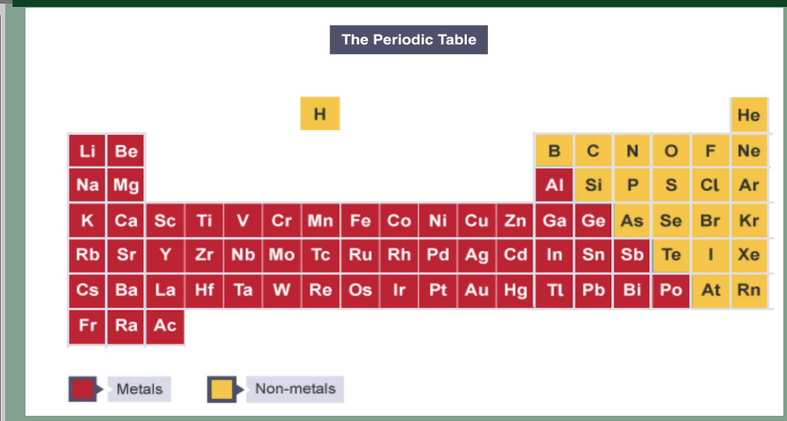
Plants synthesise their own food using energy from the sun.

This allows them to make carbohydrates such as sucrose, starch and cellulose.

Deficiency	Cause
Scurvy	Lack of vitamin C
Rickets	Lack of vitamin D
Anaemia	Lack of iron

Risks from overeating: obesity, type 2 diabetes, heart disease, stroke

2. Chemistry



Metals	Left hand-side of periodic table
Non-metals	Right hand-side of period table
Groups	Columns that read up and down
Periods	Rows that read left to right

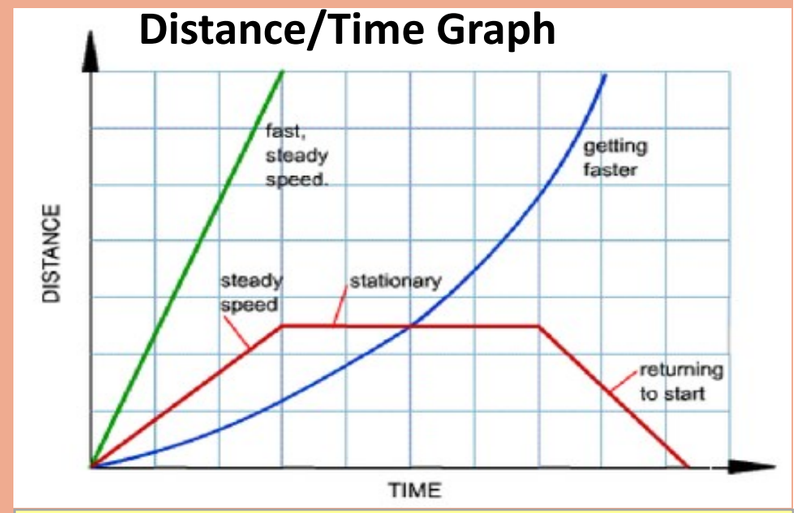
Formulae show us which elements are present in compounds.

H_2O	Water
CO_2	Carbon Dioxide
CH_4	Methane
NH_3	Ammonia

3. Physics

Speed = Distance ÷ time
(m/s) (m) (s)

Time is measured using a **stopwatch**.



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