

Science Curriculum Overview

What we learn & where it will take you!



YOUR FUTURE

Yr 11 BIOLOGY:

Homeostasis
Inheritance & Variation
Ecology

Y11 PHYSICS:

Forces
Waves
Magnetism & Electromagnetism
(Space)

Y11 CHEMISTRY:

Organic Chemistry
Atmosphere
Chemical Analysis
Using Earth's Resources
Rate Changes



Y10 BIOLOGY:

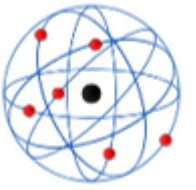
Cell Biology
Organisation
Bioenergetics

Y10 PHYSICS:

Energy
Electricity
Particle model of matter
Atomic Structure

Y10 CHEMISTRY

Structure & Bonding
Quantitative Chemistry
Chemical Changes
Energy Changes



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Magnetism

Pressure

Earth Resources

Atomic Radiation

Respiration

DNA & Evolution

Photosynthesis

Motion

Rates

Energy Reactions

Waves

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Magnetism

Reproduction & Variation

Sound & Light

Metals & Non-Metals

Photosynthesis

Electricity

Breathing

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Elements & Periodic Table

The Human Body

Work & Energy Transfers

Separating Mixtures

The Universe

Acids & Alkali's

Electricity

Forces

Cells

Particle Model



Interdependence

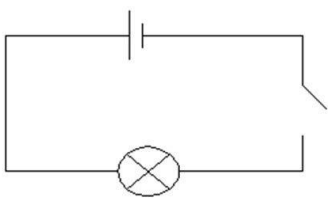
Reproduction & Variation

Earth & Climate

Energy Stores

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Circulation



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Electricity

Classification

Evolution

Light

Living Things

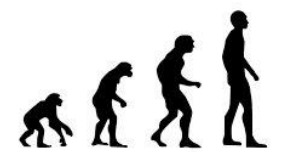
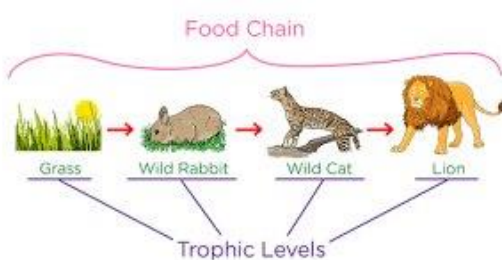


Fig 1. Evolution of Humans. Humans, chimpanzees share a common ancestor that lived around 8 million years ago.

Animals

Materials

Forces

Earth & Space

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Welcome to your CHMS science journey