What will you be learning in Year 7?

Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:

- Become confident students of science, both theoretically and practically.
- Approach their study of Science with enthusiasm, commitment and an inquisitive mind.
- Develop their 'Science capital' in the rapidly changing context of modern society.



energy







Energy stores



Energy transfers

Insulation

Heat transfers

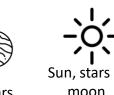
Heat and temperature Conservation of energy











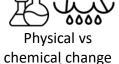














Acids and alkalis



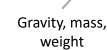
Reactions of/acids



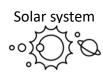


interdependence

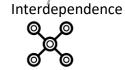
### Chemical reactions

















Endo vs exothermic

Fire triangle

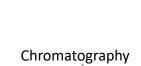


Indicators



Suggested reading

ADAM KAY















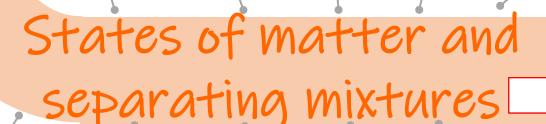






Using a

microscope



Cells, lifestyle and disease





Filtration

Solubility

Diffusion

theory

Particle





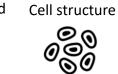


Pregnancy









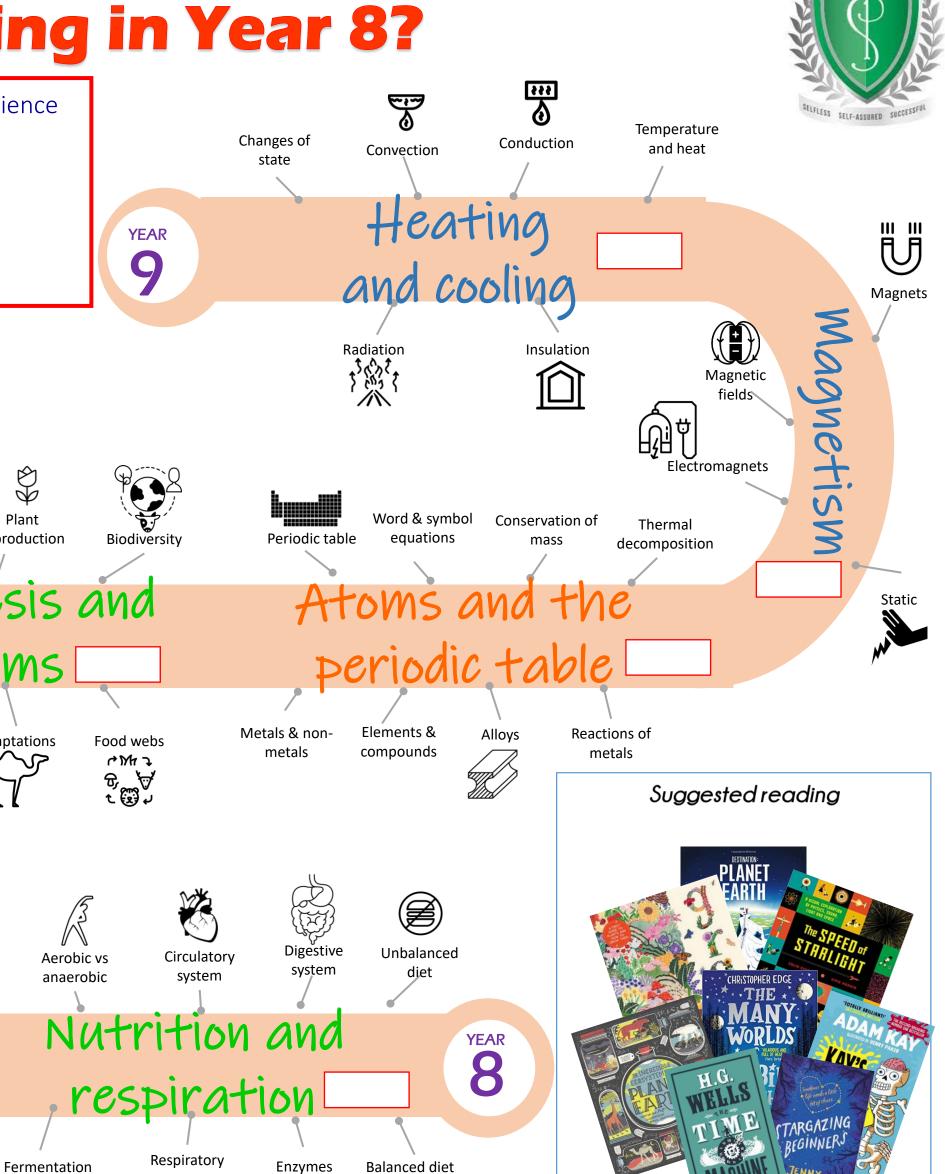
Introduction to the lab

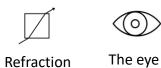


# What will you be learning in Year 8?

Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:

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Photosynthesis and

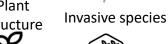


















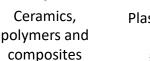












Acid rain

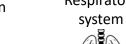




**LCAs** 

Metal ores







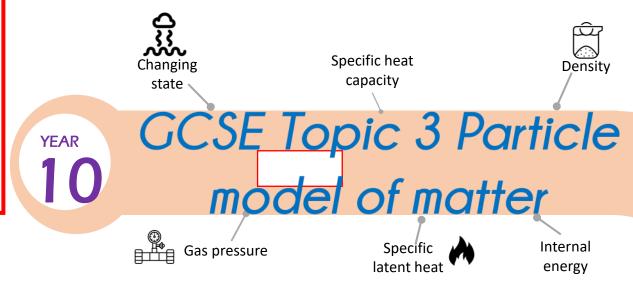


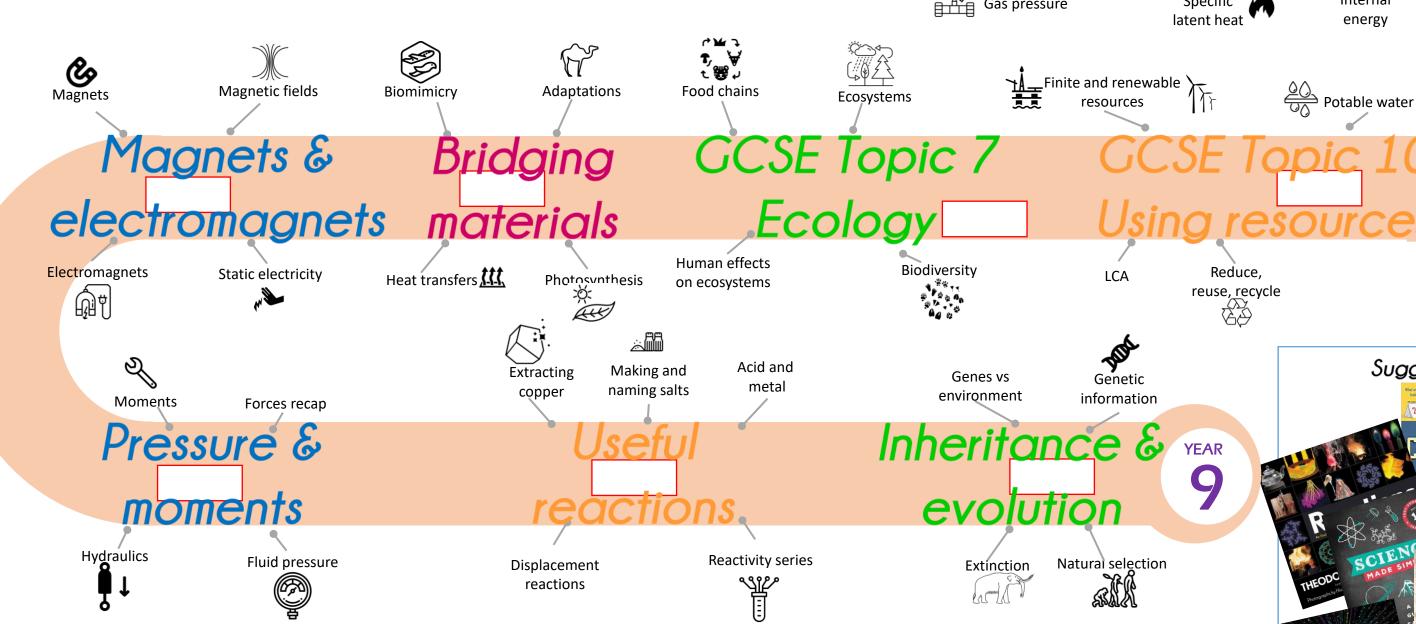


# What will you be learning in Year 9?

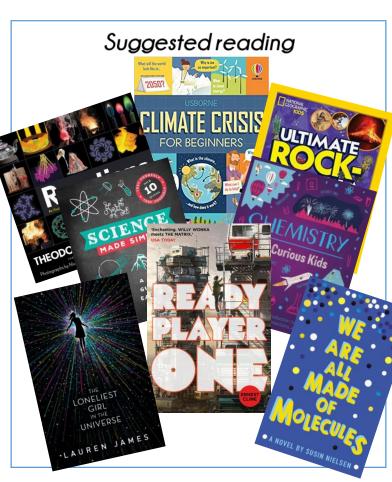
Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:

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NEG:
PEG:



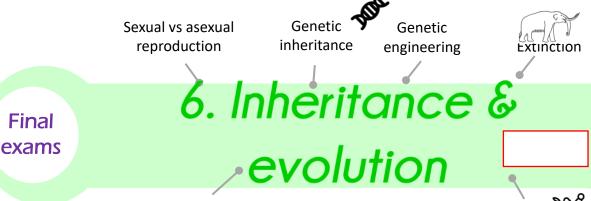
# What will you be learning in GCSE Biology?

SELFLESS SELF-ASSURED SUCCESSFUL

Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:

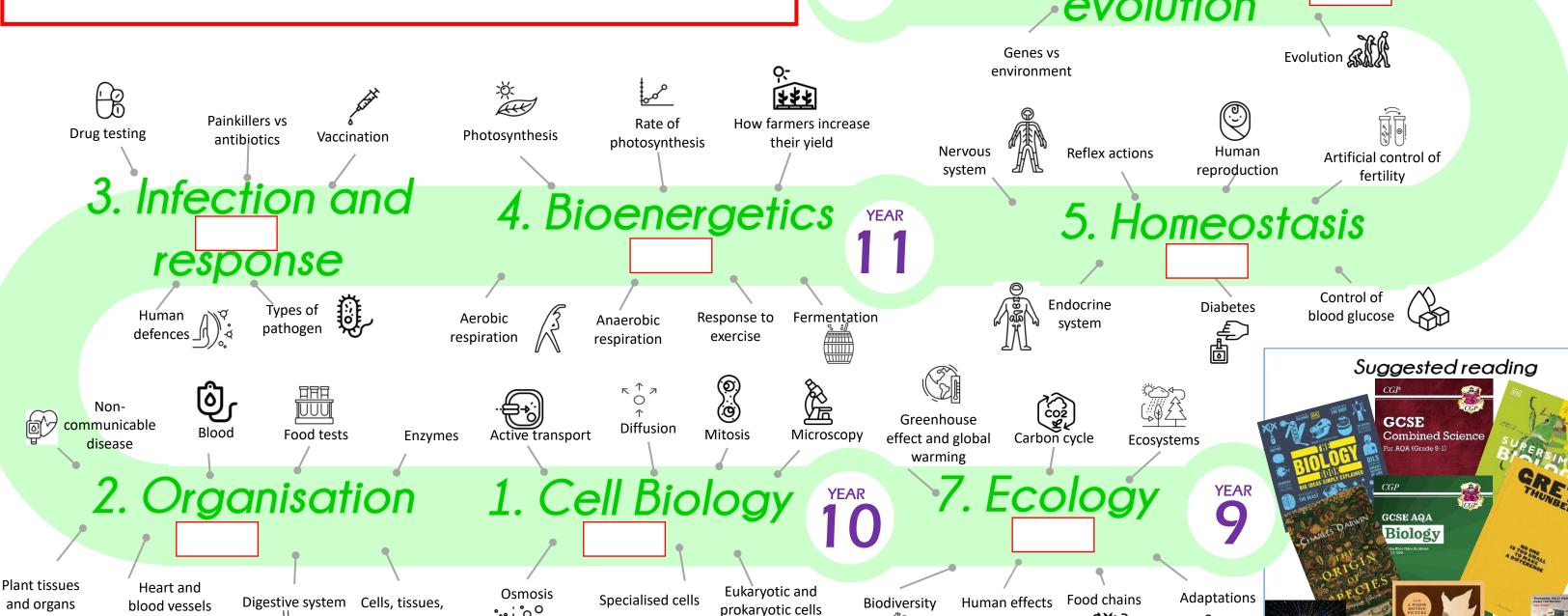
organs

- Become confident students of science, both theoretically and practically.
- Approach their study of Science with enthusiasm, commitment and an inquisitive mind.
- Develop their 'Science capital' in the rapidly changing context of modern society.



1

on ecosystems



NEG: PEG:

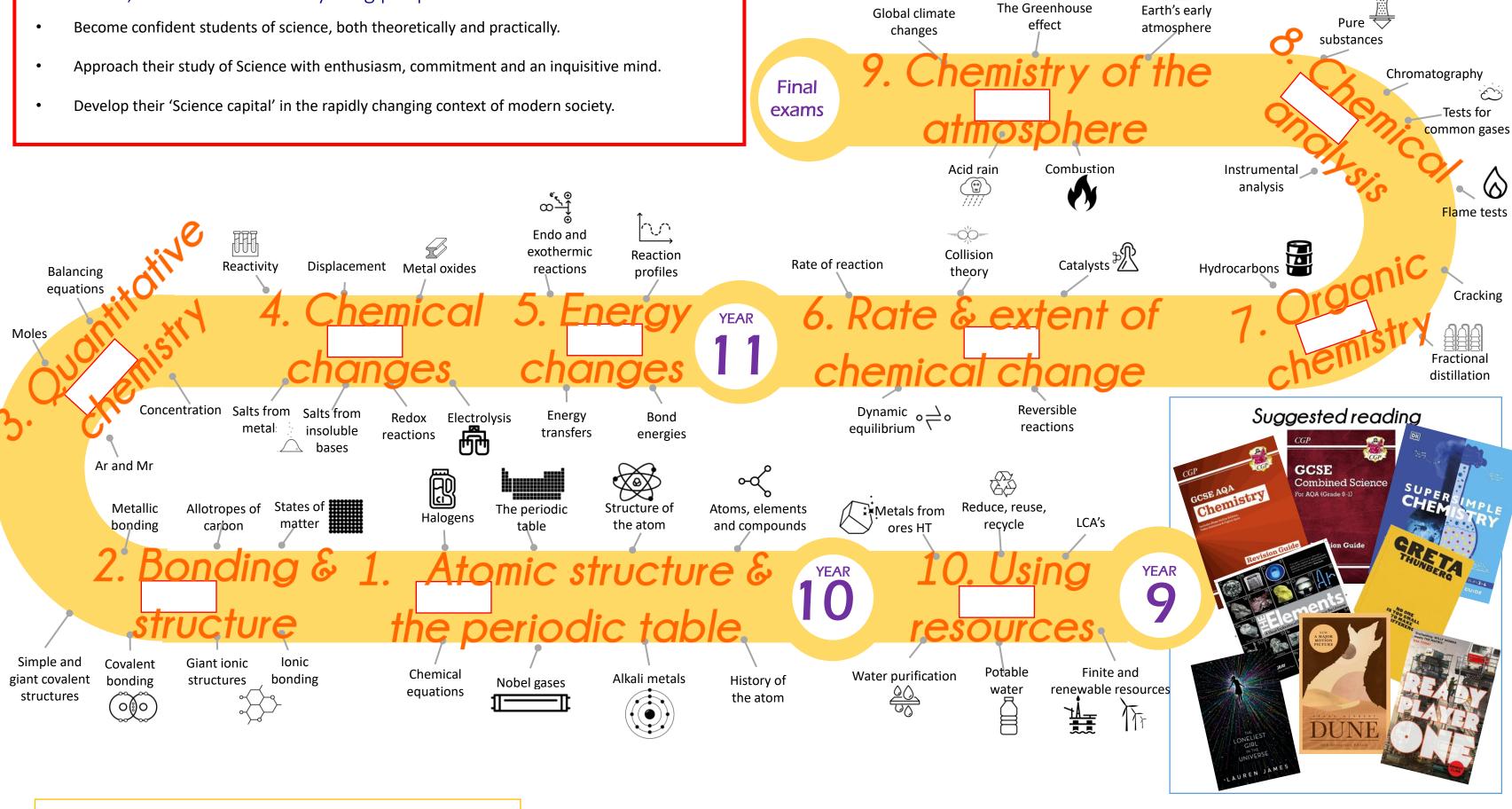
Year 10 exam grade:

Year 11 December mock grade:

Year 11 Easter mock grade:

# What will you be learning in GCSE Chemistry?

Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:



NEG: PEG:

Year 10 exam grade:

Year 11 December mock grade:

Year 11 Easter mock grade:

# What will you be learning in GCSE Physics?

Our intention is to provide a challenging, stimulating and exciting Science curriculum, which ensures our young people:

Rutherford

4. Atomic structure

Background

radiation

Understanding

power

Nuclear decay

Kinetic

energy

Elastic potential

energy

Medical uses of radiation

Potential

energy

energy

Become confident students of science, both theoretically and practically.

**Atomic** 

structure

Energy

Half life

efficiency insulation

Specific heat

capacity

⋒₩

Thermal

1. Energy

Dissipation

of energy

Calculating

power

Power and energy

transfer

Investigating 💆

resistance

Circuit

components

Electrical

current

0

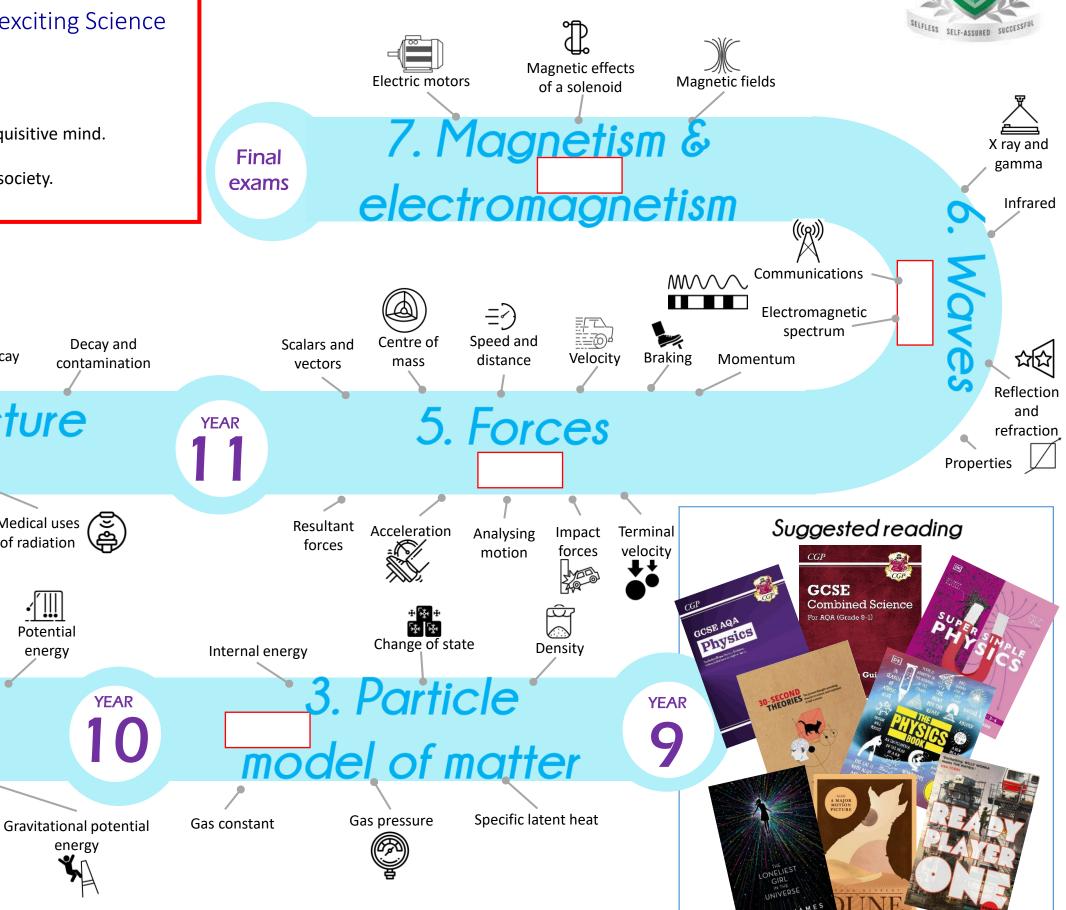
Year 11 Easter mock grade:

electricity

Series and

parallel circuit

- Approach their study of Science with enthusiasm, commitment and an inquisitive mind.
- Develop their 'Science capital' in the rapidly changing context of modern society.



**NEG:** PEG: Year 10 exam grade: Year 11 December mock grade:

Global energy

supplies

Using energy

resources