



# Curriculum Outline of Content Year 9



## Assessment

### Autumn Term

#### Genetics

-12 lessons

What characteristics do we inherit from our parents?

How are those characteristics passed on?

Can we predict the likelihood of a particular characteristic?

#### Reactivity:

-12 lessons

What makes an element or metal more reactive?

How do we measure reactivity

Can the periodic table help us to explain reactivity?

### Spring Term

#### Magnets:

- 10 lessons

What is an electromagnet?

How does the earth's magnetic field affect us?

#### B1- Core Biological Principles start of GCSE study

- 12 lessons

How do we use microscopes?

How are different molecules transported through plants and animals?

### Summer Term

#### C1+2 -States of Matter and Separating Mixtures

-11 lessons

How can chromatography help us identify mixtures and pure substances?

#### P1+2 Forces and Motion

-12 lessons

How does the mass of an object affect its acceleration?

What is the difference between speed and velocity?

Autumn Term

- Linear assessment at the end of Autumn term (all topics within autumn term assessed)
- Practical investigation

Spring Term

- Linear assessment at the end of the Spring term (all topics from Autumn and Spring term assessed).
- Practical investigation

Summer Term

- Preparation for End of Year assessment (assessment of all the content in the year)

End of Year Grade

- 25% Autumn term content
- 25% Spring term content
- 50% Summer term content