

## Year 9 Science Topic Rotation 2026-2027

[illegible]

|                                           |                                                   |                                    |                                    |                                    |                                    |                                    |                                    |                       |
|-------------------------------------------|---------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------------|
| 2 <sup>nd</sup> Nov                       | Cells                                             | Atomic structure & sep. techniques | Cells                              | Atomic structure & sep. techniques | Cells                              | Atomic structure & sep. techniques | Periodic table                     | Particle model        |
| 9 <sup>th</sup> Nov                       | Cells                                             | Atomic structure & sep. techniques | Cells                              | Atomic structure & sep. techniques | Cells                              | Atomic structure & sep. techniques | Periodic table                     | Particle model        |
| 16 <sup>th</sup> Nov                      | Periodic table                                    | Periodic table                     | Periodic table                     | Particle model                     | Particle model                     | Particle model                     | Periodic table                     | Particle model        |
| 23 <sup>rd</sup> Nov                      | Periodic table                                    | Periodic table                     | Periodic table                     | Particle model                     | Particle model                     | Periodic table                     | Organisation (digestion and heart) | Structure and bonding |
| 30 <sup>th</sup> Nov                      | Particle Model                                    | Particle Model                     | Particle Model                     | Periodic table                     | Periodic table                     | Periodic table                     | Organisation (digestion and heart) | Structure and bonding |
| 7 <sup>th</sup> Dec                       | Particle model                                    | Particle model                     | Particle model                     | Periodic table                     | Periodic table                     | Periodic table                     | Organisation (digestion and heart) | Structure and bonding |
| 14 <sup>th</sup> Dec                      | Year 9 Assessment 1- Catch up and Reteach Lessons |                                    |                                    |                                    |                                    |                                    |                                    |                       |
| Spring 1                                  |                                                   |                                    |                                    |                                    |                                    |                                    |                                    |                       |
| 5 <sup>th</sup> Jan (pupils back Tuesday) | Organisation (digestion and heart)                | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding |
| 11 <sup>th</sup> Jan                      | Organisation (digestion and heart)                | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding |
| 18 <sup>th</sup> Jan                      | Organisation (digestion and heart)                | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding |
| 25 <sup>th</sup> Jan                      | Structure and bonding                             | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Energy stores and resources        | Chemical change       |
| 1 <sup>st</sup> Feb                       | Structure and bonding                             | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Energy stores and resources        | Chemical change       |
| Term                                      | Structure and bonding                             | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Structure and bonding              | Organisation (digestion and heart) | Energy stores and resources        | Chemical change       |

|                                                 |                                                 |                             |                                             |                             |                                             |                             |                             |                                             |
|-------------------------------------------------|-------------------------------------------------|-----------------------------|---------------------------------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------------------|---------------------------------------------|
| 8 <sup>th</sup> Feb                             | Energy stores and resources                     | Chemical change             | Energy stores and resources                 | Chemical change             | Energy stores and resources                 | Chemical change             | Energy stores and resources | Chemical change                             |
| Spring 2                                        |                                                 |                             |                                             |                             |                                             |                             |                             |                                             |
| 22 <sup>nd</sup> Feb                            | Year 9 Assessment 2 - Catch and Reteach lessons |                             |                                             |                             |                                             |                             |                             |                                             |
| 1 <sup>st</sup> March                           | Energy stores and resources                     | Chemical change             | Energy stores and resources                 | Chemical change             | Energy stores and resources                 | Chemical change             | Energy stores and resources | Chemical change                             |
| 8 <sup>th</sup> March                           | Energy stores and resources                     | Chemical change             | Energy stores and resources                 | Chemical change             | Energy stores and resources                 | Chemical change             | Quantitative                | Chemical change                             |
| 15 <sup>th</sup> March                          | Chemical change                                 | Energy stores and resources | Chemical change                             | Energy stores and resources | Chemical change                             | Energy stores and resources | Quantitative                | Bioenergetics (inc. organisation in plants) |
| 22 <sup>nd</sup> March                          | Chemical change                                 | Energy stores and resources | Chemical change                             | Energy stores and resources | Chemical change                             | Energy stores and resources | Quantitative                | Bioenergetics (inc. organisation in plants) |
| Summer 1                                        |                                                 |                             |                                             |                             |                                             |                             |                             |                                             |
| 13 <sup>th</sup> April (pupils back on Tuesday) | Chemical change                                 | Energy stores and resources | Chemical change                             | Energy stores and resources | Chemical change                             | Energy stores and resources | Quantitative                | Bioenergetics (inc. organisation in plants) |
| 19 <sup>th</sup> April                          | Bioenergetics (inc. organisation in plants)     | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Energy and heat             | Bioenergetics (inc. organisation in plants) |
| 26 <sup>th</sup> April                          | Bioenergetics (inc. organisation in plants)     | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Energy and heat             | Bioenergetics (inc. organisation in plants) |
| 3 <sup>rd</sup> May                             | Bioenergetics (inc. organisation in plants)     | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Bioenergetics (inc. organisation in plants) | Quantitative                | Energy and heat             | Bioenergetics (inc. organisation in plants) |

|                                               |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                    |                                                      |
|-----------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|--------------------|------------------------------------------------------|
| 10 <sup>th</sup> May                          | Bioenergetics<br>(inc. organisation<br>in plants) | Bioenergetics<br>(inc. organisation<br>in plants) | Bioenergetics<br>(inc. organisation<br>in plants) | Bioenergetics<br>(inc. organisation<br>in plants) | Bioenergetics<br>(inc. organisation<br>in plants) | Bioenergetics<br>(inc. organisation<br>in plants) | Energy and<br>heat | Bioenergetics<br>(inc.<br>organisation<br>in plants) |
| 17 <sup>th</sup> May                          | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Exo/endo           | Bioenergetics<br>(inc.<br>organisation<br>in plants) |
| 24 <sup>th</sup> May                          | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Exo/endo           |                                                      |
| Summer 2                                      |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                    |                                                      |
| 7 <sup>th</sup> June                          | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Quantitative                                      | Bioenergetics<br>(inc. organisation<br>in plants) | Exo/endo           |                                                      |
| 14 <sup>th</sup> June                         | Quantitative                                      | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          |                    |                                                      |
| 22 <sup>nd</sup> June<br>(INSET on<br>Monday) | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          |                    |                                                      |
| 28 <sup>th</sup> June                         | Energy and heat                                   | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   |                    |                                                      |
| 5 <sup>th</sup> July                          | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Exo/endo                                          | Energy and heat                                   | Catch up           |                                                      |
| 12 <sup>th</sup> July                         | Exo/endo                                          | Catch up                                          | Catch up                                          | Catch up                                          | Catch up                                          | Catch up                                          | Catch up           |                                                      |

Year 10

Biology:

Infectious Disease

Homeostasis

Inheritance

Ecology

Chemistry:

Electrolysis

Rates of reaction

Organic (Crude Oil)

Chemistry and the Atmosphere

Chemistry Resources

Chemical Analysis

Physics:

Electricity

Radiation

Forces

Magnetism and Electromagnetism

Waves

During Assessment Weeks:

- Use to catch up on missed content/ behind
- Address Gaps lessons