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| 7  (5 pw) | Cells  Reproduction  Ecology | Science Skills  Particles and solutions  Acids and Alkalis  Atoms, elements and the periodic table | Forces and Space  Energy  Waves\* |
| 8  (5 pw) | Body organisation  Plants and photosynthesis  Variation and inheritance\* | Metal Reactions  Chemical Reactions  Earth, Materials and the atmosphere\* | Electricity and Magnetism  Forces and Motion  Pressure, moments and Density |
| 9  (5 pw) | B1 Cells  B2 Organisation  B3 Infection and Response\* | C1 Atomic structure and the periodic table  C2 Bonding and properties of matter  C9 Chemistry of the Atmosphere\* | P3 Particle Model of Matter/P1 Energy  P4 Atomic Structure |
| 10  (5 pw) | B4 Bioenergetics  B5 Homeostasis\* | C3 Quantitative Chemistry  C4 Chemical Changes  C5 Energy Changes  C8 Chemical Analysis\* | P1 Energy/ P4 Atomic Structure  P2 Electricity  P5 Forces\* |
| 11  (5 pw) | B6 Inheritance, variation and evolution  B7 Ecology | C6 Rates of Reaction  C7 Organic Chemistry  C10 Using Resources | P6 Waves  P7 Magnets and electromagnets |

Topics

\*not assessed in the C3 assessment

Year 7 Science

Dixons

Long Term Plan 2022/2023

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|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Cycle 1 | **W/C 30/08** | **W/C 05/09** | **W/C 12/09** | **W/C 19/09** | **W/C 26/09** | **W/C 03/10** | **W/C 10/10** | **W/C 17/10** | **W/C 31/10** | **W/C 07/11** | **W/C 14/11** | **W/C 21/11** | **W/C 28/11** | **W/C 05/12** |
| **Term 1** |  |  |  |  |  |  |  | **Term 2** |  |  |  |  |  |
| **Orientation** | **Orientation** | **Science Skills** | **Science Skills** | **Science Skills** | **Cells & Life Processes** | **Cells & Life Processes** | **Cells & Life Processes** | **Cells & Life Processes** | **Forces & Space** | **Forces & Space** | **Forces & Space** | **Particles & Solutions** | **Particles & Solutions** |
| Cycle 2 | **W/C 12/12** | **W/C 19/12** | **W/C 02/01** | **W/C 09/01** | **W/C 16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 06/02** | **W/C 20/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |
|  |  | **Term 3** |  |  |  |  |  | **Term 4** |  |  |  |  |  |
| **Particles & Solutions** | **Energy** | **Energy** | **Energy** | **Energy** | **Mid-year assessments** | **Mid-year assessments** | **Reproduction** | **Reproduction** | **Reproduction** | **Reproduction** | **Atoms & Elements** | **Atoms & Elements** | **Atoms & Elements** |
| Cycle 3 | **W/C 17/04** | **W/C 24/04** | **W/C 01/05** | **W/C 08/05** | **W/C 15/05** | **W/C 22/05** | **W/C 05/06** | **W/C 12/06** | **W/C 19/06** | **W/C 26/06** | **W/C 03/07** | **W/C 10/07** | **W/C 17/07** |  |
| **Term 5** |  |  |  |  |  | **Term 6** | *Assessment* | *Assessment* |  |  |  |  |  |
| **Ecology** | **Ecology** | **Ecology** | **Acids & Alkalis** | **Acids & Alkalis** | **Acids & Alkalis** | **Revision** | **Revision and assessment** | **Revision and assessment** | **Waves** | **Waves** | **Waves** | **Waves** |  |

Year 8 Science

Dixons

Long Term Plan 2022/2023

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|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Cycle 1 | **W/C 30/08** | **W/C 05/09** | **W/C 12/09** | **W/C 19/09** | **W/C 26/09** | **W/C 03/10** | **W/C 10/10** | **W/C 17/10** | **W/C 31/10** | **W/C 07/11** | **W/C 14/11** | **W/C 21/11** | **W/C 28/11** | **W/C 05/12** |
| **Term 1** |  |  |  |  |  |  |  | **Term 2** |  |  |  |  |  |
| **Orientation** | **Orientation** | **The Body** | **The Body** | **The Body** | **The Body** | **Metal Reactions** | **Metal Reactions** | **Metal Reactions** | **Forces & Motion** | **Forces & Motion** | **Forces & Motion** | **Forces & Motion** | **Plants and Photosynthesis** |
| Cycle 2 | **W/C 12/12** | **W/C 19/12** | **W/C 02/01** | **W/C 09/01** | **W/C 16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 06/02** | **W/C 20/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |
|  |  | **Term 3** |  |  |  |  |  | **Term 4** |  |  |  |  |  |
| **Plants and Photosynthesis** | **Plants and Photosynthesis** | **Plants and Photosynthesis** | **Chemical Reactions** | **Chemical Reactions** | **Chemical Reactions** | **Mid-year assessments** | **Chemical Reactions** | **Electricity & Magnetism** | **Electricity & Magnetism** | **Electricity & Magnetism** | **Electricity & Magnetism** | **Variation and Inheritance** | **Variation and Inheritance** |
| Cycle 3 | **W/C 17/04** | **W/C 24/04** | **W/C 01/05** | **W/C 08/05** | **W/C 15/05** | **W/C 22/05** | **W/C 05/06** | **W/C 12/06** | **W/C 19/06** | **W/C 26/06** | **W/C 03/07** | **W/C 10/07** | **W/C 17/07** |  |
| **Term 5** |  |  |  |  |  | **Term 6** | *Assessment* | *Assessment* |  |  |  |  |  |
| **Variation and Inheritance** | **Pressure density and moments** | **Pressure density and moments** | **Pressure density and moments** | **Earth, Materials and the atmosphere** | **Earth, Materials and the atmosphere** | **Earth, Materials and the atmosphere** | **Revision and assessment** | **Revision and assessment** | **Health** | **Health** | **Health** | **Health** |  |

Year 9 Science

Dixons

Long Term Plan 2022/2023

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|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Cycle 1 | **W/C 30/08** | **W/C 05/09** | **W/C 12/09** | **W/C 19/09** | **W/C 26/09** | **W/C 03/10** | **W/C 10/10** | **W/C 17/10** | **W/C 31/10** | **W/C 07/11** | **W/C 14/11** | **W/C 21/11** | **W/C 28/11** | **W/C 05/12** |
| **Term 1** |  |  |  |  |  |  |  | **Term 2** |  |  |  |  |  |
| **Orientation** | **Orientation** | **C1 Atomic structure and the periodic table** | **C1 Atomic structure and the periodic table** | **C1 Atomic structure and the periodic table** | **C1 Atomic structure and the periodic table** | **B1 Cells** | **B1 Cells** | **B1 Cells** | **B1 Cells** | **P3 Particle Model of Matter** | **P3 Particle Model of Matter** | **P3 Particle Model of Matter** | **C2 Bonding and properties of matter** |
| Cycle 2 | **W/C 12/12** | **W/C 19/12** | **W/C 02/01** | **W/C 09/01** | **W/C 16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 06/02** | **W/C 20/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |
|  |  | **Term 3** |  |  |  |  |  | **Term 4** |  |  |  |  |  |
| **C2 Bonding and properties of matter** | **C2 Bonding and properties of matter** | **C2 Bonding and properties of matter** | **B2 Organisation** | **Revision** | **Mid-year assessments** | **B2 Organisation** | **B2 Organisation** | **B2 Organisation** | **B2 Organisation** | **B2 Organisation** | **P4 Atomic Structure** | **P4 Atomic Structure** | **P4 Atomic Structure** |
| Cycle 3 | **W/C 17/04** | **W/C 24/04** | **W/C 01/05** | **W/C 08/05** | **W/C 15/05** | **W/C 22/05** | **W/C 05/06** | **W/C 12/06** | **W/C 19/06** | **W/C 26/06** | **W/C 03/07** | **W/C 10/07** | **W/C 17/07** |  |
| **Term 5** |  |  |  |  |  | **Term 6** | *Assessment* | *Assessment* |  |  |  |  |  |
| **P4 Atomic Structure** | **B3 Infection and Response** | **B3 Infection and Response** | **B3 Infection and Response** | **B3 Infection and Response** | **Revision** | **Revision** | **Revision and assessment** | **Revision and assessment** | **C9 Chemistry of the Atmosphere** | **C9 Chemistry of the Atmosphere** | **C9 Chemistry of the Atmosphere** | **C9 Chemistry of the Atmosphere** |  |

Year 10 Science

Dixons

Long Term Plan 2022/2023

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|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Cycle 1 | **W/C 30/08** | **W/C 05/09** | **W/C 12/09** | **W/C 19/09** | **W/C 26/09** | **W/C 03/10** | **W/C 10/10** | **W/C 17/10** | **W/C 31/10** | **W/C 07/11** | **W/C 14/11** | **W/C 21/11** | **W/C 28/11** | **W/C 05/12** |
| **Term 1** |  |  |  |  |  |  |  | **Term 2** |  |  |  |  |  |
| **Orientation** | **Orientation** | **P4 Atomic Structure** | **P4 Atomic Structure** | **P4 Atomic Structure** | **B4 Bioenergetics** | **B4 Bioenergetics** | **B4 Bioenergetics** | **B4 Bioenergetics** | **C5 Energy Changes** | **C5 Energy Changes** | **C5 Energy Changes** | **P2 Electricity** | **P2 Electricity** |
| Cycle 2 | **W/C 12/12** | **W/C 19/12** | **W/C 02/01** | **W/C 09/01** | **W/C 16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 06/02** | **W/C 20/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |
|  |  | **Term 3** |  |  |  |  |  | **Term 4** |  |  |  |  |  |
| **P2 Electricity** | **P2 Electricity** | **C4 Chemical Changes** | **C4 Chemical Changes** | **C4 Chemical Changes** | **Mid-year assessments** | **C4 Chemical Changes** | **B5 Homeostasis** | **B5 Homeostasis** | **B5 Homeostasis** | **B5 Homeostasis** | **C3 Quantitative Chemistry** | **C3 Quantitative Chemistry** | **C3 Quantitative Chemistry** |
| Cycle 3 | **W/C 17/04** | **W/C 24/04** | **W/C 01/05** | **W/C 08/05** | **W/C 15/05** | **W/C 22/05** | **W/C 05/06** | **W/C 12/06** | **W/C 19/06** | **W/C 26/06** | **W/C 03/07** | **W/C 10/07** | **W/C 17/07** |  |
| **Term 5** |  |  |  |  |  | **Term 6** | *Assessment* | *Assessment* |  |  |  |  |  |
| **C8 Chemical Analysis** | **C8 Chemical Analysis** | **C8 Chemical Analysis** | **P5 Forces** | **P5 Forces** | **Revision** | **Revision** | **Revision and assessment** | **Revision and assessment** | **P5 Forces** | **P5 Forces** | **P5 Forces** | **P5 Forces** |  |

Year 11 Science

Dixons

Long Term Plan 2022/2023

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|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Cycle 1 | **W/C 30/08** | **W/C 05/09** | **W/C 12/09** | **W/C 19/09** | **W/C 26/09** | **W/C 03/10** | **W/C 10/10** | **W/C 17/10** | **W/C 31/10** | **W/C 07/11** | **W/C 14/11** | **W/C 21/11** | **W/C 28/11** | **W/C 05/12** |
| **Term 1** |  |  |  |  |  |  |  | **Term 2** |  |  |  |  |  |
| **Orientation** | **Orientation** | **B6 Inheritance, variation and evolution** | **B6 Inheritance, variation and evolution** | **B6 Inheritance, variation and evolution** | **C6 Rates of Reaction** | **C6 Rates of Reaction** | **C6 Rates of Reaction** | **P6 Waves** | **P6 Waves** | **P6 Waves** | **Mocks** | **Mocks** | **B7 Ecology** |
| Cycle 2 | **W/C 12/12** | **W/C 19/12** | **W/C 02/01** | **W/C 09/01** | **W/C 16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 06/02** | **W/C 20/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |
|  |  | **Term 3** |  |  |  |  |  | **Term 4** |  |  |  |  |  |
| **B7 Ecology** | **B7 Ecology** | **C7 Organic Chemistry** | **C7 Organic Chemistry** | **C7 Organic Chemistry** | **P7 Magnets and electromagnets** | **Mocks** | **Mocks** | **P7 Magnets and electromagnets** | **P7 Magnets and electromagnets** | **C10 Using Resources** | **C10 Using Resources** | **C10 Using Resources** | **Revision** |
| Cycle 3 | **W/C 17/04** | **W/C 24/04** | **W/C 01/05** | **W/C 08/05** | **W/C 15/05** | **W/C 22/05** | **W/C 05/06** | **W/C 12/06** | **W/C 19/06** |  |  |  |  |  |
| **Term 5** |  |  |  |  | *Assessment* | **Term 6** *Assessment* | *Assessment* | *Assessment* |  |  |  |  |  |
| **Revision** | **Revision** | **Revision** | **Revision** | **Revision** | **Revision** | **Revision** | **Revision and assessment** | **Revision and assessment** |  | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  |