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|  | Science Curriculum Overview  **2024-2025** |

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|  | **Key stage 3** | | | **Key stage 4** | |
| **Year 7** | **Year 8** | **Year 9** | **Year 10** | **Year 11** |
| **Half-term 1**  **2 Sept 24 –**  **25 Oct 24** | 7.0 Skills  7.1 Forces 1  7.5 Matter 1  7.8 Organisms 1 | 8.0 Skills  8.1 Forces 2  8.5 Matter 2  8.8 Organisms 2 | 9. Cells  9. Energy  9. Electricity  9. Atomic Structure   and Periodic Table | 10. Organisation  10. Energy  10. Electricity  10. Chemical   Changes  10. Energy Changes | 11. Waves  11. Homeostasis  11. Organic   Chemistry  11. Chemical   Analysis |
| **Half-term 2**  **4 Nov 24 –**  **20 Dec 24** |
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| **Half-term 3**  **6 Jan 25 –  14 Feb 25** | 7.2 Electromagnets 1  7.6 Reactions 1  7.9 Ecosystems 1 | 8.2 Electromagnets 2  8.6 Reactions 2  8.9 Ecosystems 2  7.7 Earth 1 | 9. Electricity  9. Structure and   Bonding  9. Cells | 10. Quantitative   Chemistry  10. Rates of Reaction  10. Infection and   Response  10. Atomic structure  10. Forces | 11. Electromagnets  11. Inheritance  11. Chemical   Analysis  11. Atmospheric   Chemistry |
| **Half-term 4**  **24 Feb 25 –**  **4 Apr 25** |
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| **Half-term 5**  **21 April 25 –**  **23 May 25** | 7.3 Energy 1  7.4 Waves 1  7.10 Genes 1 | 8.3 Energy 2  8. 4 Waves 2  8.7 Earth 2  8.10 Genes 2 | 9. Structure and   Bonding  9. Particle Model of   Matter  9. Bioenergetics  9. Chemical Changes | 10. Rates of   Reaction  10. Organic   Chemistry  10. Forces  10. Homeostasis | 11. Using Resources  11. Ecology  11. Electromagnets  11. Space   (Physics only) |
| **Half-term 6**  **2 June 25 –**  **18 July 25** |