

Science

Year 7 Autumn 2

| Week | Date | Unit and Learning Objective | Resources | Assessment |
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| 1 | 02/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 7: Diffusion Practical Planning | Link to all teaching resources (named as left): https://egguckland.sharepoint.com/:f:/g/Science/EkVOlnRP0aVMs_cGy4FZp-wBAqdngj3XhlsWxkPIPIFxPA?e=4cQY95 | Extra activities to complete: Use Educake (ask your teacher if you need your login details) BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/zng4d2p |
| | 03/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 8: Diffusion Practical Completion | | |
| | 04/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 9: | | |

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| | | Diffusion Practical Analysis | | |
| 2 | 09/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 10: Pure and Impure Substances | | |
| | 10/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 11: Mixtures | | |
| | 11/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 12: Exothermic and Endothermic Reactions | | |

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| 3 | 16/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 13: Particles and reactions Revision | | |
| | 17/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 14: Particles and reactions Test | | |
| | 18/11/2021 | KS3 7B Densities and Brownian Motion - Pure substances, mixtures, dissolving, endothermic and exothermic reactions Lesson 15: Particles and reactions DIRT | | |
| 4 | 23/11/2021 | KS3 7C Distance-time graphs - forces | | |

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| | | Lesson 1: Circuits Introduction | | |
| | 24/11/2021 | KS3 7C Distance-time graphs - forces Lesson 2: Current in Series and Parallel Circuits | | |
| | 25/11/2021 | KS3 7C Distance-time graphs - forces Lesson 3: Potential Difference and Resistance | | |
| 5 | 30/11/2021 | KS3 7C Distance-time graphs - forces Lesson 4: Conductors and Insulators | | |
| | 01/12/2021 | KS3 7C Distance-time graphs - forces Lesson 5: Calculating Resistance | | |
| | 02/12/2021 | KS3 7C Distance-time graphs - forces Lesson 6: Investigating effect of wire length on resistance | | |
| 6 | 07/12/2021 | KS3 7C Distance-time graphs - forces Lesson 7: Current and Potential difference in | | |

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| | | components planning | | |
| | 08/12/2021 | KS3 7C Distance-time graphs - forces Lesson 8: Current and Potential difference in components conducting | | |
| | 09/12/2021 | KS3 7C Distance-time graphs - forces Lesson 9: Current and Potential difference in components analysis | | |
| 7 | 14/12/2021 | KS3 7C Distance-time graphs - forces Lesson 10: Current and Potential difference in components further analysis | | |
| | 15/12/2021 | KS3 7C Distance-time graphs - forces Lesson 11: Static Electricity | | |
| | 16/12/2021 | KS3 7C Distance-time graphs - forces Lesson 12: Magnetic Poles and Fields | | |