Year 7 TOPIC SHEET – Term 3 2019

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| Energy |

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| Theme: To explore energy transfers and stores, energy resources and their effects. | Level:4-7 |
| Objectives: To develop an fundamental understanding of types of energy and energy transfer. | |

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| Focussing Questions | Key Words | |
| 1. **Energy and energy stores**  * How do we get the energy we need to live? * How can energy be **transferred** into different forms? * What is an energy store and how does it work? * How do we make use of energy stores in our everyday life?  1. **Energy Resources**  * What energy resources are available to us and how long will they last? * How do we manage energy resources? * Is there a better way to make sure our energy resources are maintained?   Assessment   * Daily progress checks * Quick check quizzes * End of unit tests * End of term assessment. | Joule  Weight  Balanced diet  Nutrients  Chemical energy  Electricity  Kinetic energy  Thermal energy  Strain energy  Elastic potential energy  Gravitational potential energy  Nuclear energy  Light energy  Sound energy  Fuel  Non-renewable  Energy resource  Solar  Hydroelectric  Geothermal  Efficiency |  |