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.
 | JouleWeightBalanced dietNutrientsChemical energyElectricityKinetic energyThermal energyStrain energyElastic potential energyGravitational potential energyNuclear energyLight energySound energyFuelNon-renewableEnergy resourceSolarHydroelectricGeothermalEfficiency |   |