****

**Handout 11b: Matching activity and generating examples (Science)**

|  |  |  |
| --- | --- | --- |
| **Type of energy** | **How it occurs** | **Example** |
| **Kinetic energy** | caused by movement | * waves |
| **Strain energy** | caused by something being  stretched | * wound-up spring |
| **Sound energy** | caused by sound waves | * thunder |
| **Thermal energy** | caused by heat | * fire |
| **Chemical energy** | stored in food or fuel | * oil |
| **Electrical energy** | caused by kinetic energy being  converted into electricity | * turning a light on |
| **Nuclear energy** | released by splitting atoms | * atom bomb |
| **Gravitational energy** | caused by the pull of the Earth’s  gravity | * an apple falling |
| **Potential energy** | energy that is stored | * heavy snow on a roof |
| **Light energy** | caused by light rays | * the Sun |

(Developed with the support of Julian Klafkowski, science teacher, Prescot School, Knowsley)