

# 10.1 Energy Transformations



## Across

- \_\_\_\_\_ is the ability to make objects move.
- \_\_\_\_\_ energy is the form of energy that we can hear.
- \_\_\_\_\_ energy is the form of energy that our eyes can detect.
- The energy in food is in the form of \_\_\_\_\_ energy.
- \_\_\_\_\_ energy is the energy stored in objects that are stretched, compressed, bent or twisted.
- \_\_\_\_\_ energy is the energy of particles moving through a wire or through an electrical device.
- \_\_\_\_\_ energy is the stored energy an object has when it is above the Earth's surface.

## Down

- Energy can be changed from one form to another. This is called energy \_\_\_\_\_.
- \_\_\_\_\_ energy is the energy of objects in motion
- \_\_\_\_\_ energy is the energy that causes some types of metal to attract or push away from certain other metals.
- \_\_\_\_\_ energy is the total energy of the moving particles in a solid, a liquid or a gas.
- Nuclear energy is the stored energy at the centre of particles of matter.