Completed worksheet for the activity

1. Energy that is stored within an object is called \_\_\_\_potential\_\_\_\_ energy.

2. The vibration and movements of the atoms and molecules within substances is called heat

or \_\_\_\_thermal\_\_\_\_ energy.

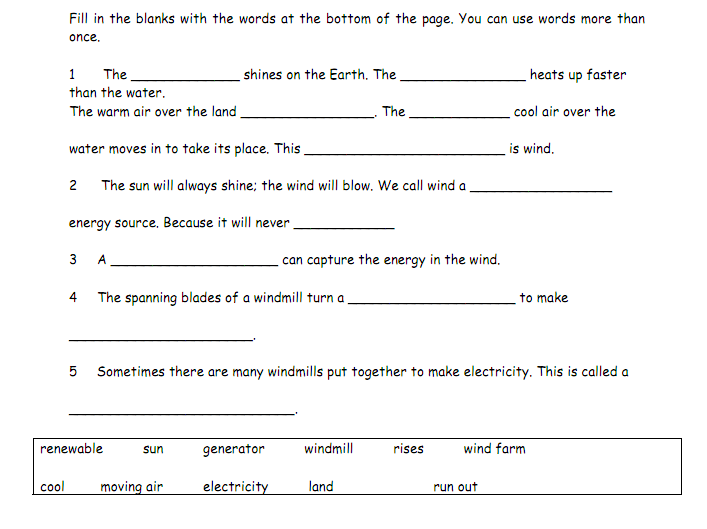
3. The energy stored in the centre of atoms is called \_\_\_\_nuclear\_\_\_\_ energy.

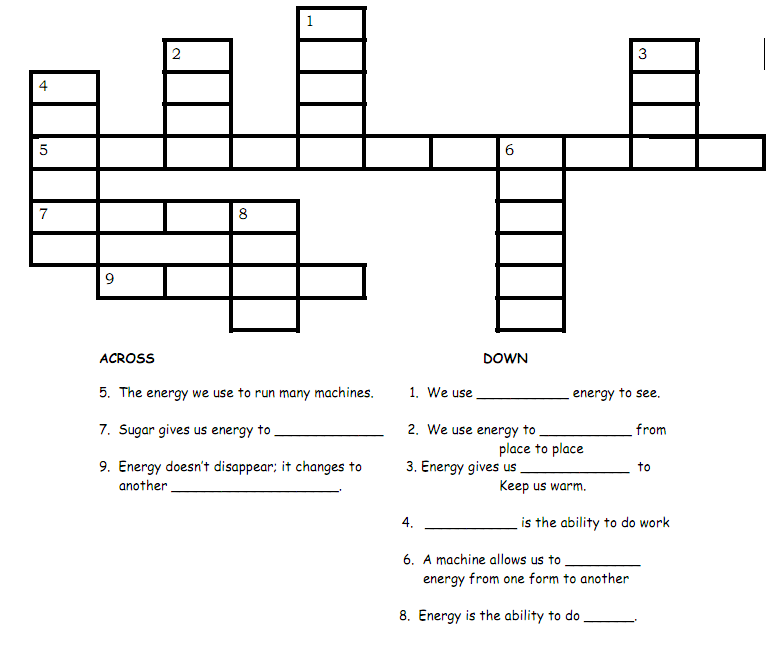
4. The movements of atoms, molecules, waves and electrons is \_\_\_\_Kinetic\_\_\_\_ energy.

5. The movement of electrons is \_\_\_\_electric\_\_\_\_ energy.

6. The energy in petroleum and coal is stored as \_\_\_\_chemical\_\_\_\_ energy.

7. A hydropower reservoir is example \_\_\_\_gravitational\_\_\_\_ energy.





Complete these sentences using the most suitable word:

a) Coal, natural gas and oil are all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (renewable / non-renewable) energy resources. They release \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (energy / electricity) when they are burned.

b) Wind and solar energy are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (renewable / non-renewable) because they \_\_\_\_\_\_\_ (can / cannot) be replaced.

c) Coal, natural gas and oil are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (nuclear fuels / fossil fuels).

d) Two more examples of renewable energies are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

