

## LESSON NOTES

**School:** Lovu Sangam School

**Year:** 4

**Subject:** Elementary Science

<b>Strand</b>	Energy
Sub Strand	Energy sources and its transfers
Content Learning Outcome	Identify and gather information about sources of energy used in the world around them and the forms this energy takes

**Energy** is the ability or fuel required to do something.

### **Different Sources of Energy**

**The Sun-** it provides the energy in form of the solar power. The energy source is clean and free, can store energy but it does not long. It can also be called as renewable energy.

**Wind Energy-** Windmill creates safe and clean energy to use. Wind power is the conversion of wind energy into useful form of energy, such as using wind turbines to generate electrical power, windmills for mechanical power and wind pumps for water pumping. Windmill will not be useful if there is no strong wind.

**Water Energy- is** the energy from flowing water used to create electricity. Fiji uses Hydro power from Monasavu Hydro Dam.

**Wave Power-** Wave energy is produced from the waves of the ocean. Wave power is the transport of energy by ocean surface waves which captures the energy to do useful work such as electricity generation.

**Fossil Fuel -** Fuels such as kerosene, benzene, and gas are used to create energy. This form energy is commonly used in Fiji homes. It is easily available but very expensive.

### **Activity**

Draw and colour the different sources of energy stated below.

Fossil Fuel	Wind Energy	Solar Power	Water Energy