

**2036 Penang Sangam Primary School**  
**Year 3**  
**Elementary Science**  
**Worksheet 5**

STRAND	Energy
SUB-STARND	Energy sources and it's transfer
CONTENT LEARNING OUTCOME	Demonstrate the concept of energy and explain its importance.

Lesson Notes

1 . **Water energy**

This is energy from flowing water used to create electricity. Fiji uses hydro power from Monasavu Hydro Dam. This source is free and clean. The one serious limitation of hydro is that during drought, there may not be enough water to drive the electricity generators throughout the whole year.



2 . **Wave power**

Wave power is the transport of energy by ocean surface waves, and the capture of that energy to do useful work – for example, electricity generation. Wave energy is energy produced from the waves of the ocean. Waves are formed by wind moving across the surface of the ocean. A large amount of energy is stored in waves. The cost of setting up and maintaining a large wave power plant is too expensive



Questions – Fill in the blanks

clean    Waves    expensive    drought    water    Monasavu

1. This energy from flowing \_\_\_\_\_ is used to create electricity.
2. Fiji uses hydro power from \_\_\_\_\_ Hydro Dam.
3. This source is free and \_\_\_\_\_.
4. \_\_\_\_\_ are formed by wind moving across the surface of the ocean.
5. The cost of setting up and maintaining a large wave power plant is too \_\_\_\_\_.
6. Water energy is affected during a \_\_\_\_\_.