

(d) The flow of energy between organisms can be better represented with an energy pyramid with different trophic levels. Does all energy in one trophic level get passed on to the next? Explain your answer.

Name: _____



The Flow of Energy

Lower Secondary Activity Sheet

ACTIVITY 1: ENERGY AROUND YOU

Observe the environment around you. Identify three different types of work done and their corresponding examples of energy conversion.

No.	Work Done	Energy Conversion
1		
2		

No.	Work Done	Energy Conversion
3		

ACTIVITY 2: THE FLOW OF ENERGY

(a) Chemical energy stored in living organisms allows them to perform work. Explain the process where energy is converted and stored by producers in a food chain. What is the ultimate source of this energy?

(b) In the ecosystem, consumers are not able to produce their own energy like producers. They obtain it from the food they consume. Explain the process where energy is released from food consumed, to do work.

(c) Energy is passed on from one organism to another in a food chain and food web. Draw a food web with the organisms that you have observed in the environment.