

Name _____

Period _____

Thermochemistry Vocabulary

Look up “chemistry” definitions for the following terms.
This whole unit focuses on the interactions between:

1) Energy

2) Matter

3) Heat

4) Work

5) Temperature

Having a clear picture of what we are studying is very important:

6) System

7) Surroundings

What flows in and what flows out of the system can be confusing to keep track of:

8) Exothermic

9) Endothermic

Energy and matter are not the same so:

10) Open System

11) Closed System

12) Isothermal System

13) Adiabatic System

We need to be able to measure these changes so:

14) Joule

15) calorie

16) kcal

17) Calorie

18) Calorimeter

We also need to be able to calculate these changes:

19) Heat Capacity

20) Specific Heat

Energy comes in many forms:

21) Kinetic Energy

22) Potential Energy

Many of these thermodynamics functions have similar properties:

23) State Function

24) Enthalpy

25) Entropy

26) Free Energy