

**17%**  
**Chemical Reaction &  
Energy Transfer**  
*Session 5*

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# Learning Objectives

## Thermochemical Equation

- *Definition*
- *Example*
- *Exothermic and Endothermic Reaction*
- *Representation*

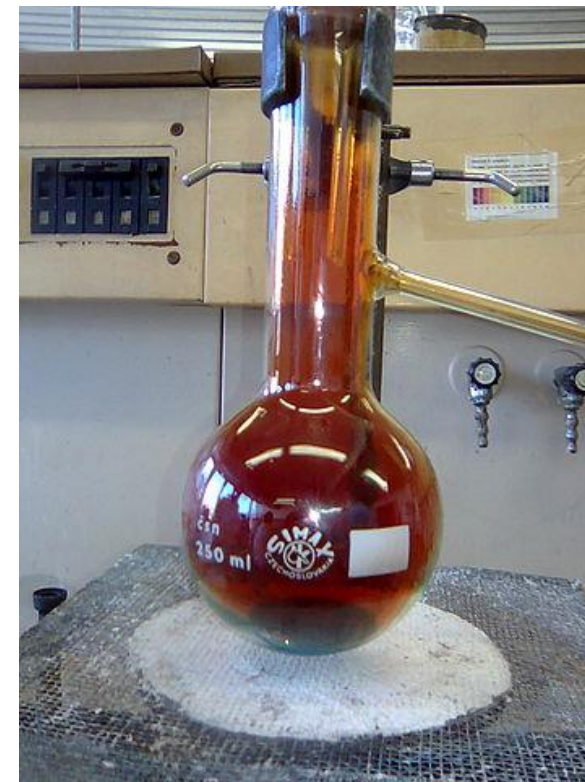
## *What is Thermochemical Equation?*

- The chemical equation
- that also provides the **AMOUNT OF HEAT**
  - released or
  - absorbed

## Example of heat *released or evolved*



## Example of heat *absorbed*



## ***Exothermic Reaction***

***This kind of reaction is called  
Exothermic Reaction.***



## Endothermic Reaction

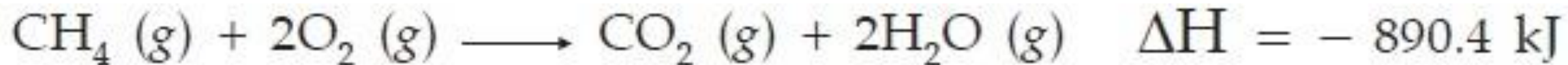
**This kind of reaction is called  
Endothermic Reaction.**



**Thermochemical Equation is also represented as follows**



**OR**





**Thermochemical Equation is also *represented* as follows**



**OR**

