

THERMOCHEM

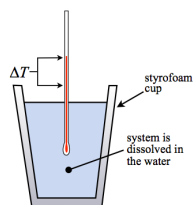
the study of heat energy associated w/ chemical reactions!

Vocabulary:

- **exothermic**: heat releasing process
- **endothermic**: heat absorbing process
- ★ **calorimetry**: process of measuring the amount of heat transferred (absorbed or released) during reactions



coffee-cup calorimetry:

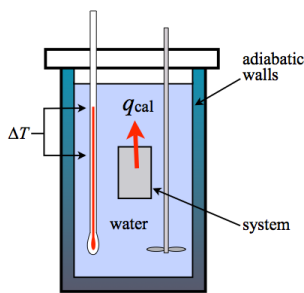


coffee-cup calorimeter

- often in a styrofoam cup (loses more heat)
- constant pressure



bomb calorimetry:



bomb calorimeter

- closed space (metal container) \rightarrow retains more heat
- constant volume and temp.