

Strand 7- Chemical Thermodynamics

=> AUHSD Science Content Standards 8a-d & 17 <=

Chapter 12- Heat in Chemical Reactions (1 week, 4 days)

Topics of Discussion

Chemical Reactions That Involve Heat

Heat and Enthalpy Changes

Hess's Law

Calorimetry

What is Heat?

Activities

HW- pp.406-9(#1-27, 34-48) & (#28-32, 49-57) for Honors

CW- More Energy Problems

Lab- Specific Heat of a Metal

Video- Thermochemistry

Chapter 14- Liquids and Solids (1 day)

Topics of Discussion

Changes of State

Activities

CW- Change of State Problems

Strand 7 Free Response Exam (Chapters 12 and 14)