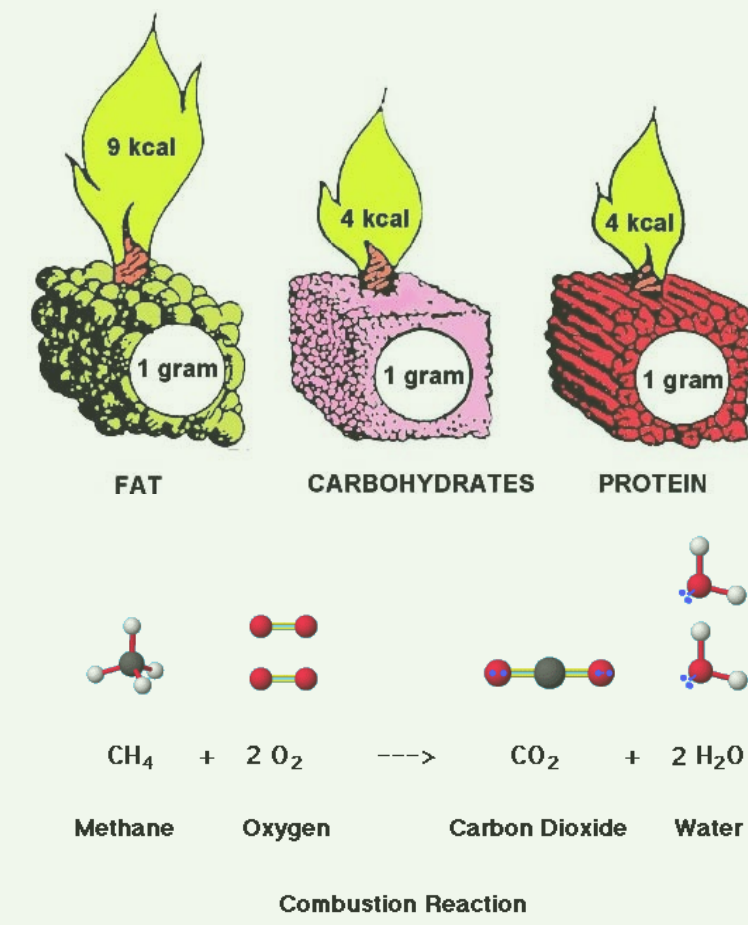
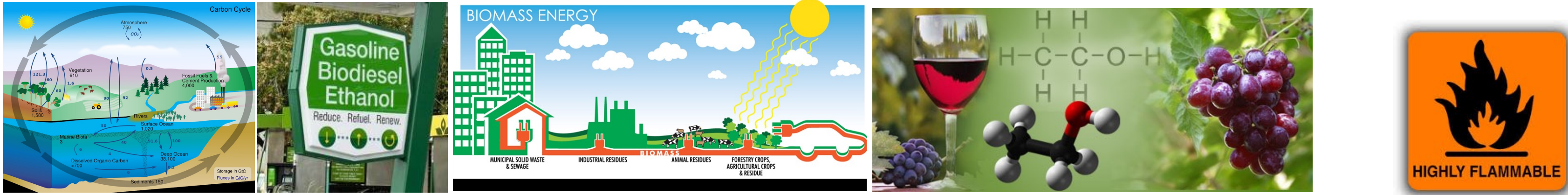
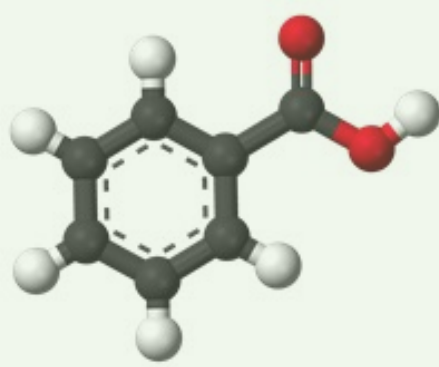


MOLECULAR ENERGETICS

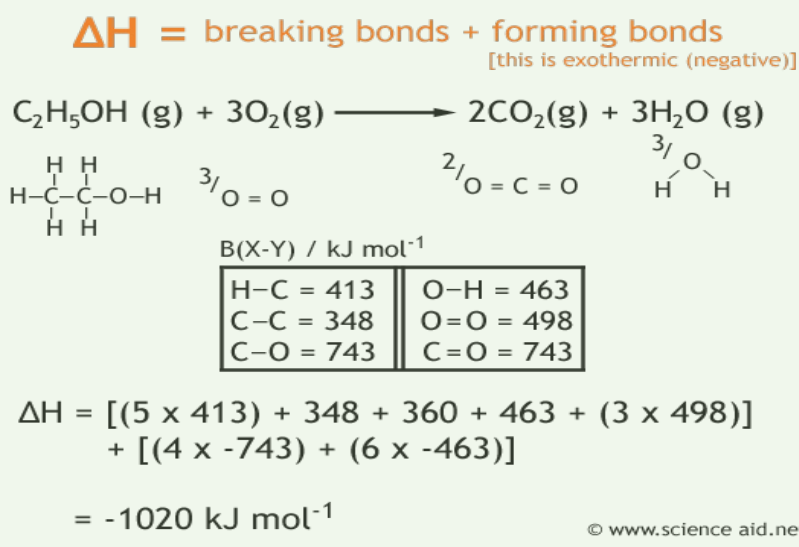
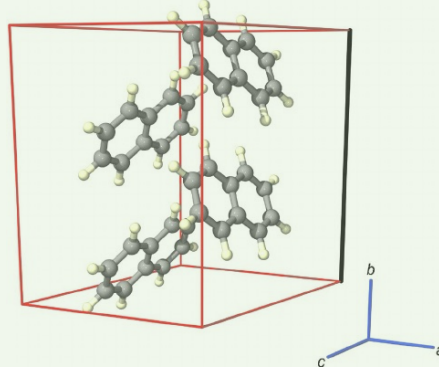
Combustion Bomb Calorimetry



Benzoic Acid



Naphthalene



COMBUSTION CALORIMETRY

Measures the **HEAT** of combustion at constant volume

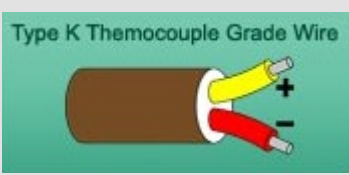
CHO type compounds



Ballistic Bomb Calorimetry

Calibration with Benzoic acid

$\Delta U = Q = E_{\text{CAL}} \times \Delta T$



Type K Thermocouple



Personal Computer
LABTERMO Software ΔT_{ad}

