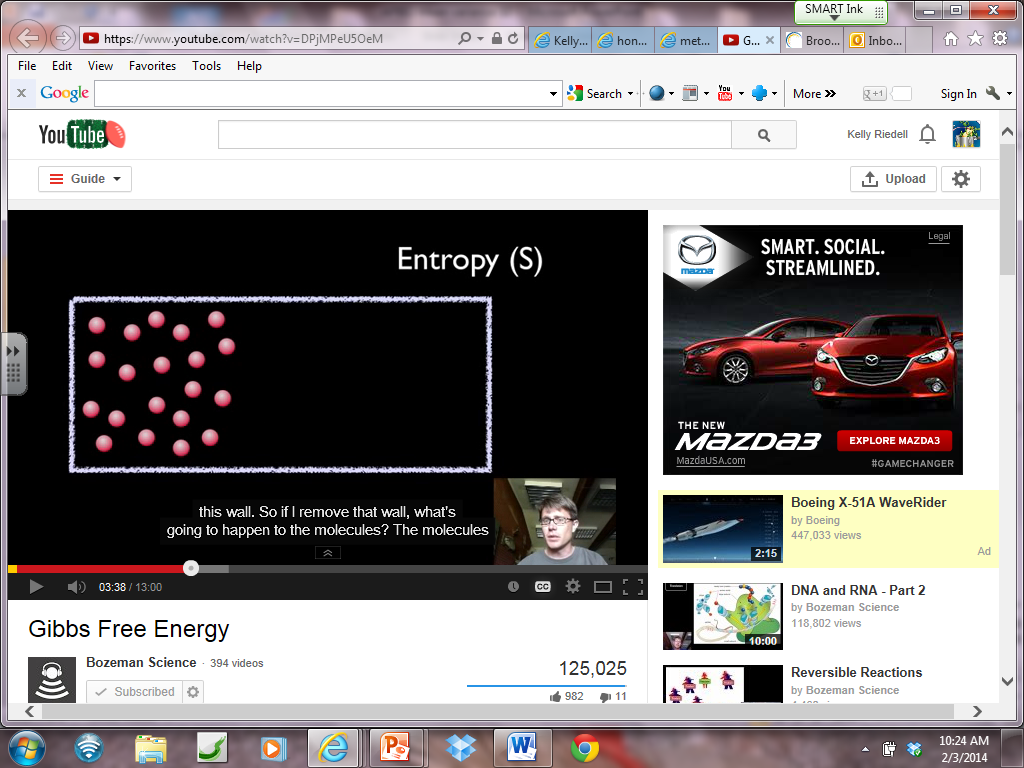
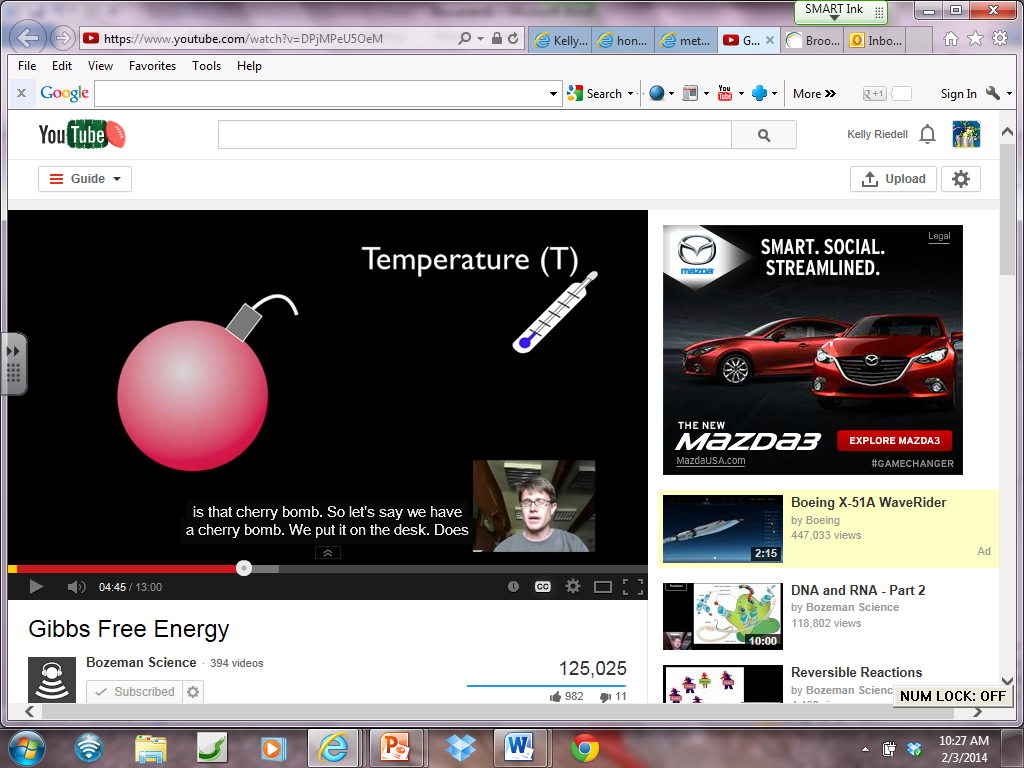
GIBBS FREE ENERGY





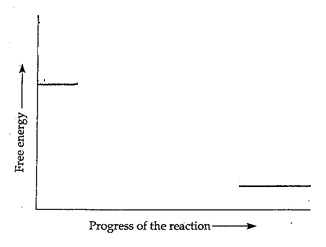
Δ G = ΔH – TΔS

Δ G < 0

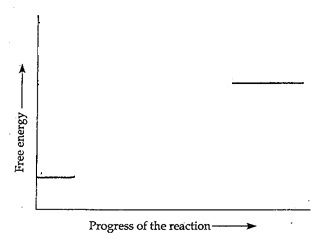
Δ G > 0

Δ G = 0

CELLULAR RESPIRATION



PHOTOSYNTHESIS



ATP → ADP + Pi + energy ΔG =

ADP + Pi + energy→ ATP ΔG =

