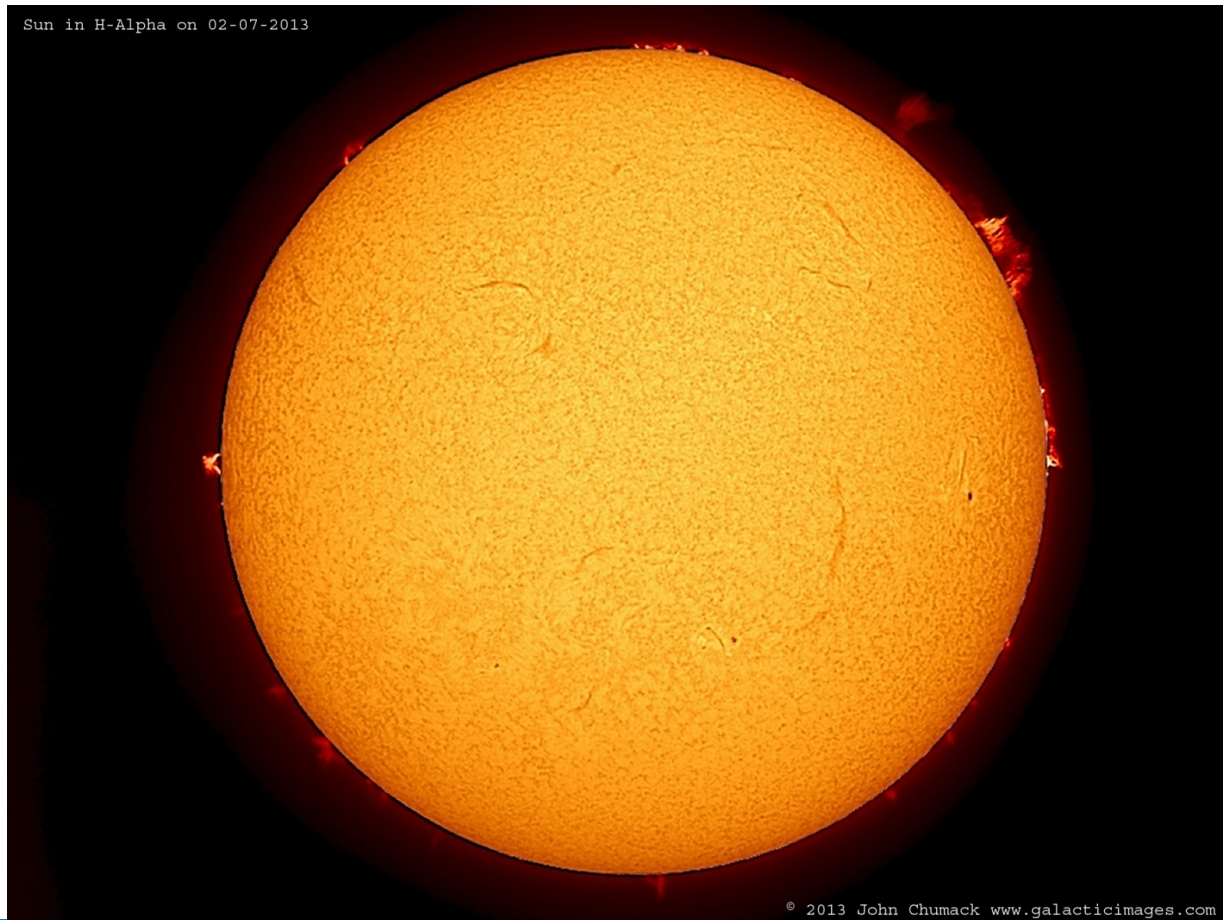


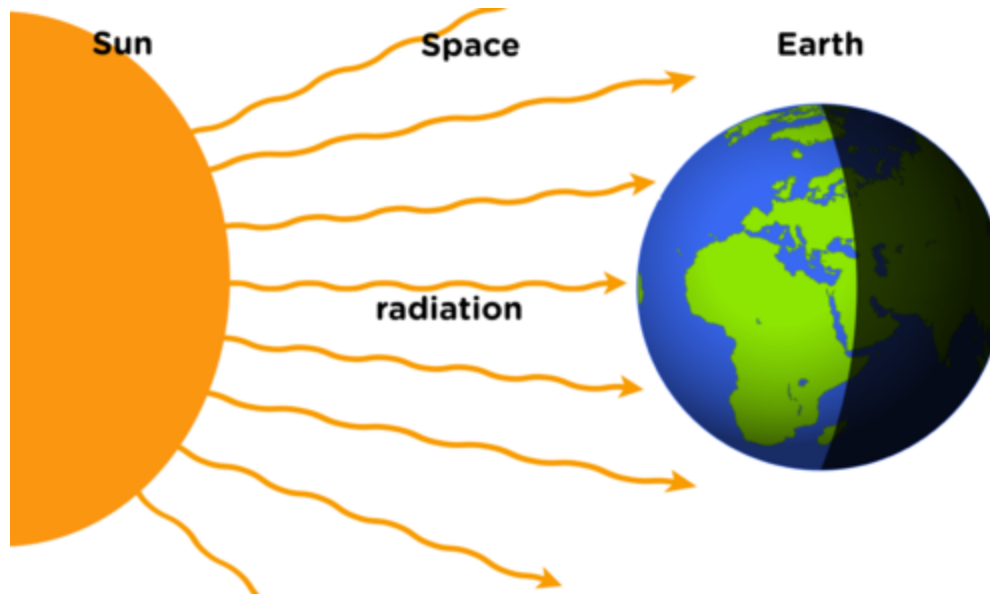
# Heat Transfer Part 1

# The Sun

A temperature of roughly 6000 Degrees Celsius!



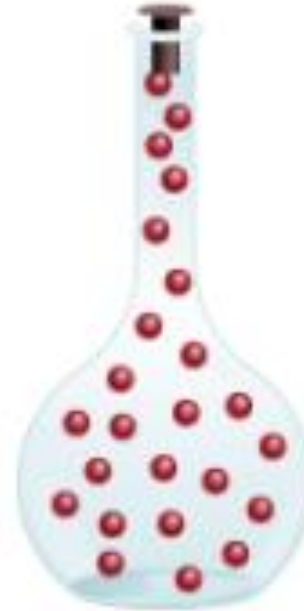
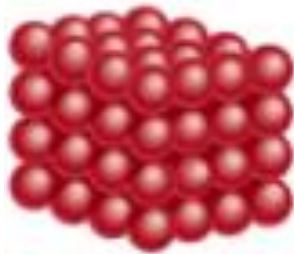
# Solar Radiation



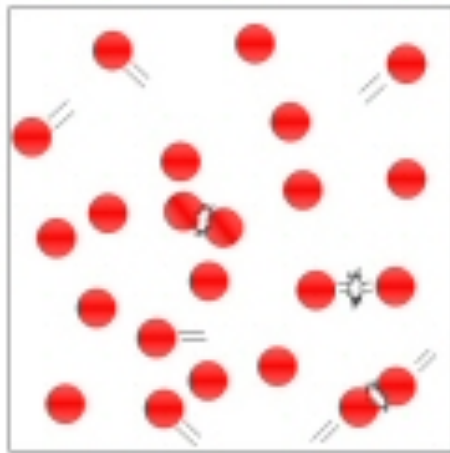
# Particles in Matter

Solid, liquid, and gas

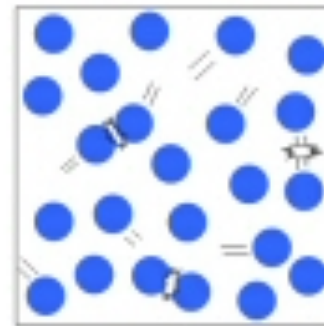
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# Molecules in Cold and Hot Water



Warm molecules have more energy so move faster and take up more space



Cold molecules have less energy so move slower and take up less space