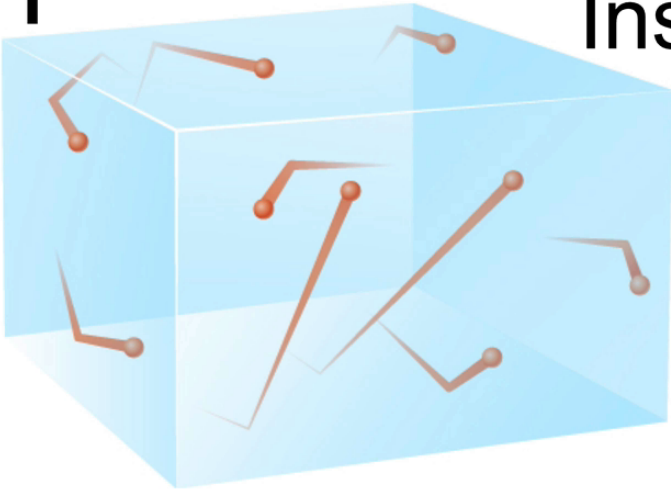


# Inside the Sun: Theory

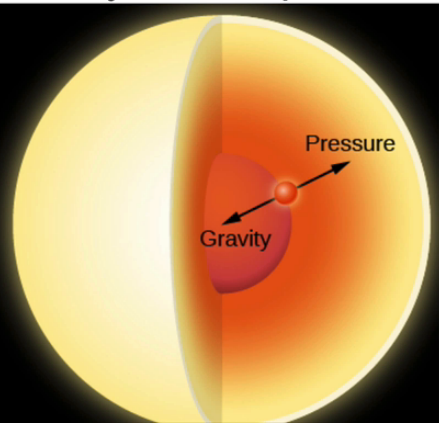
1 Sun is made up of plasma



Lots of particles bouncing around  
- provide outward Pressure

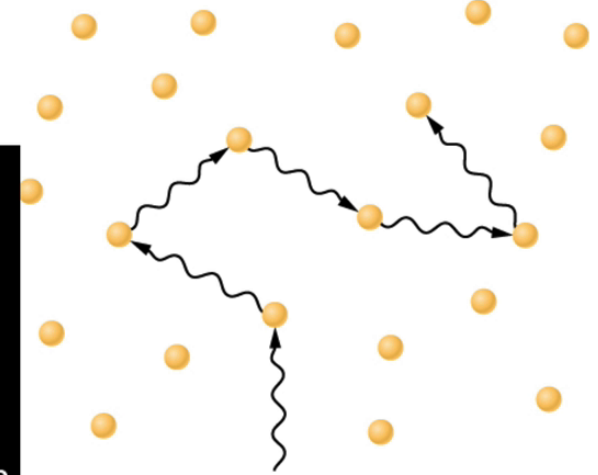
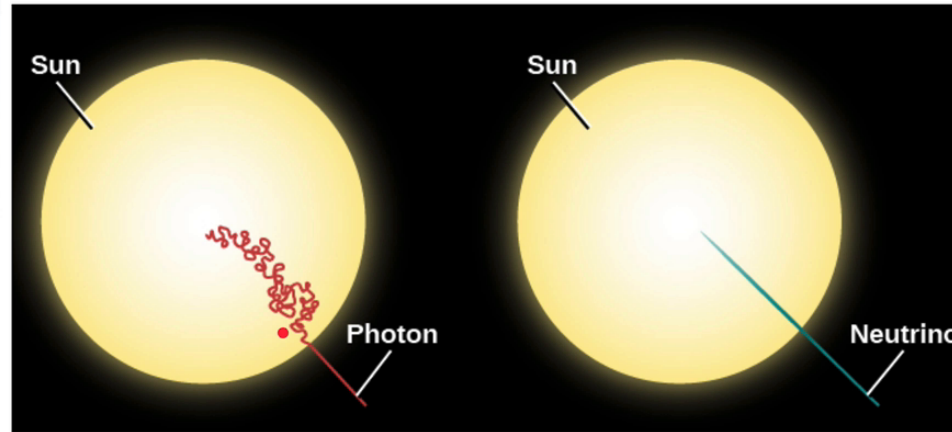
Outward **Pressure** balanced  
by inward pull of **Gravity**

**Hydrostatic  
Equilibrium**



3 Takes 100,000 - 1,000,000 years for  
Energy to go from **Core** to **Surface**

4 **Radiative Zone:** Photon gets bounced  
around for a **LONG** time



Neutrinos escape right away

5 **Convection Zone:** Hot rises,  
Cold sinks

Faster Process

Most time spent in Radiative  
Zone

