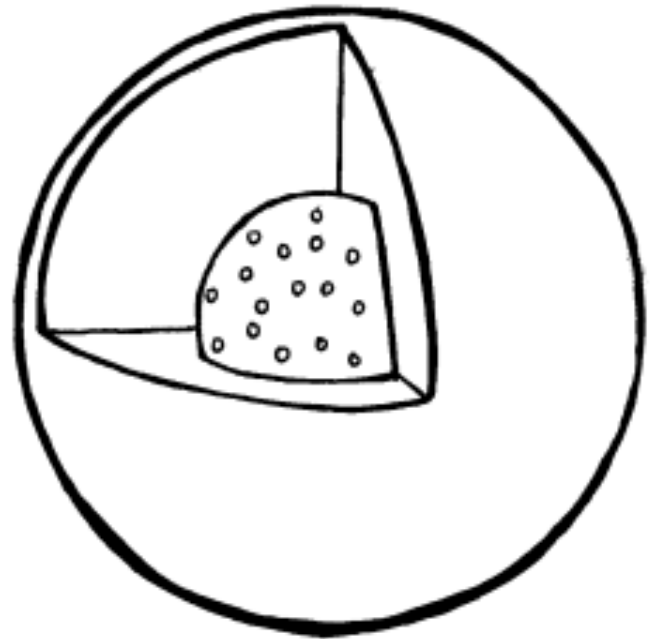


# RED

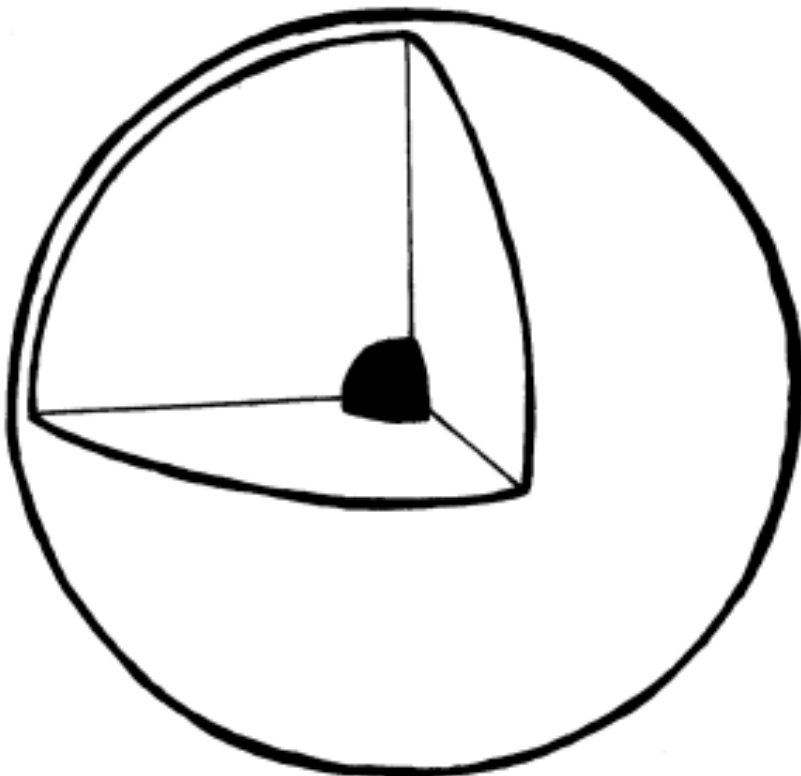
During the main period of a star's lifetime, hydrogen fuses into helium to make energy in the core.

# GIANT

When hydrogen is used up, the core gets smaller and heats up so that eventually, the shell around the core begins to fuse hydrogen.



The outer shell layers begin to expand, but since it makes less energy, the star is cooler and has a reddish color. This is where the term Red Giant comes from.



# EVOLUTION