

At this point, we have learned a lot about stars: absolute magnitudes (luminosities), distances, temperatures, chemical composition, spectral type...



Let's put all the pieces together and learn something really profound about stars











- Main Sequence (luminosity class V)
- Giants (luminosity class III)
- Supergiants (luminosity class I)
- · White dwarfs

What does it all mean?









- A statistical argument (no physics)
- Physical argument 1: what holds stars up?
- Physical argument 2: what powers the stars (where do they get their energy supply?)





Back to the Sun: its interior structure

The Sun is a key to understanding the stars because we can get such detailed information about it





















