

What You Should Know About “H-R diagrams”!

- 1.) What does H and R stand for in “H-R diagram?” (Hertzsprung-Russell)
- 2.) What do H-R diagrams graph (that is, what do their axes graph)? (LUMINOSITY, or total energy output in all frequencies per unit time, as a function of TEMPERATURE, or SPECTRAL CLASS)
- 3.) Be able to name the parts of the H-R diagram and identify where they are on an H-R diagram (i.e., where is the red supergiant region, the main sequence region, etc.).
- 4.) What is odd about the way the H-R diagram’s horizontal axis is laid out? (it proceeds from *high* temperature to *low*)

Hertzprung-Russell diagram

