

Stellar Evolution

This is a good lab to do on your own if you have missed a lab class.

Your parents hear on TV that one day, the Sun will grow into a huge, red ball of gas extending all the way to Earth. They know you're in an astronomy class and call you up to ask if this is true. Write a phone conversation you would have with them, explaining in laymen's terms the birth and death of stars similar to the sun.

For extra credit, explain how larger and smaller stars' evolution varies from the evolution of stars the size of the sun.

Alternative:

If you like to draw, create an image for each step of the stellar evolution progress. Include a short statement of explanation with each drawing. A picture is worth a thousand words! The same extra credit applies, only with drawings and a short statement rather than in writing.