



## Stellar Evolution Observing Program

Have you ever looked at a star or other celestial object in our galaxy and wondered what is its place in the history of the universe? The **Stellar Evolution Observing Program** was created to help you develop that understanding. As you progress through this observing program, you will come to understand the creation of stars, the lifetime of stars, and what happens to stars as their fuel runs out.

You'll understand Carl Sagan's statement that 'we are star stuff'. You'll see star forming regions in the sky, you'll see stars burning on the main sequence, and you'll see the remnants of burned-out stars.

You'll understand the HR diagram and how stars of various sizes and ages can be mapped on this diagram. You'll go from being a casual observer of stars to being someone who understands them in context.

Many of the objects in the **Stellar Evolution Observing Program** can be seen without a telescope. The program's purpose is not meant to challenge your observing capability; it is meant to improve your understanding of our incredible universe.

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More information ...

<https://www.astroleague.org/stellar-evolution-observing-program/>

<https://youtu.be/vsf5aW65Kzk>