

## Did You Know?

A "shooting star" is not actually a star at all! They are meteoroids (space rocks) that are falling through Earth's atmosphere and burning up.



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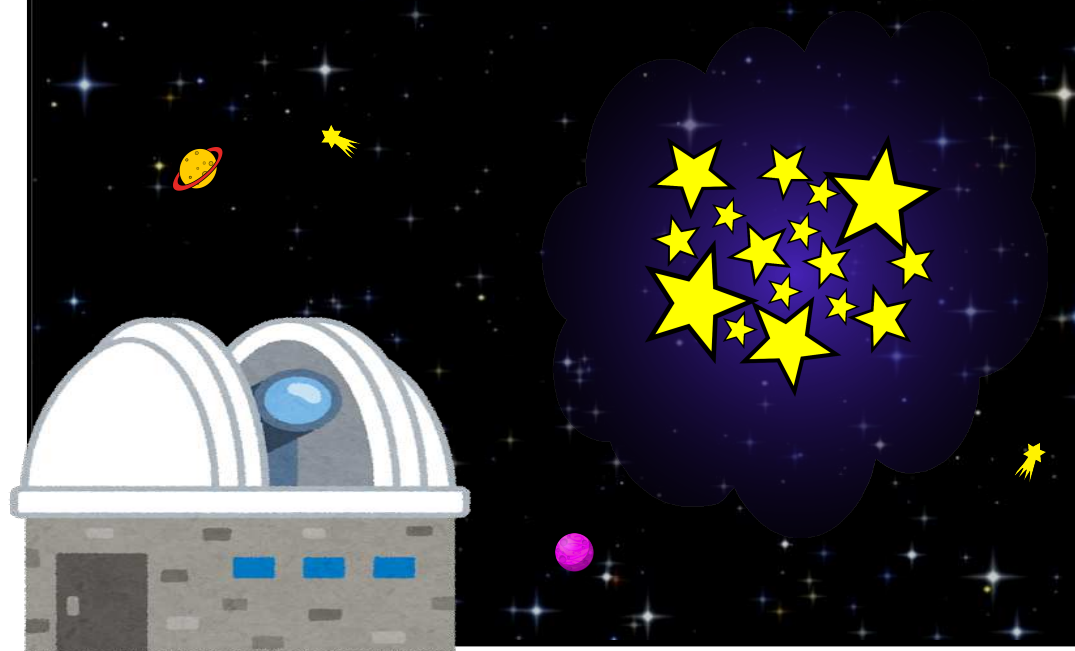


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# Where Do Stars Come From?





## Star Forming Complexes

Made of gas and dust, these are the birth places of stars.

These complexes collapse under gravity to form 100's or 1000's of stars at the same time.

Follow the arrows to find out how these stars evolve!

### Sun-like stars

These stars have about the same mass as our own Sun.

### Red Giant

After about 10 Billion years the star will start to expand.

### White Dwarf

The core of the star will become this very dense object.

### Planetary Nebula

Gas ejected from the Red Giant forms an expanding shell around the core of the star and will eventually be recycled to create a new generation of stars.

### Red Supergiant

After a few million years, the star starts to expand.

### Black Hole or Neutron Star

The collapsed core of the star will become one of these exotic objects.

### Massive Stars

These stars have a mass upwards of 8 times that of our Sun.

### Supernova

The star explodes! The core collapses and its outer gaseous layers are violently expelled into space, eventually being recycled to create a new generation of stars.

