

Middle School Physical Science

The Life and Death of Stars Grade 6-7



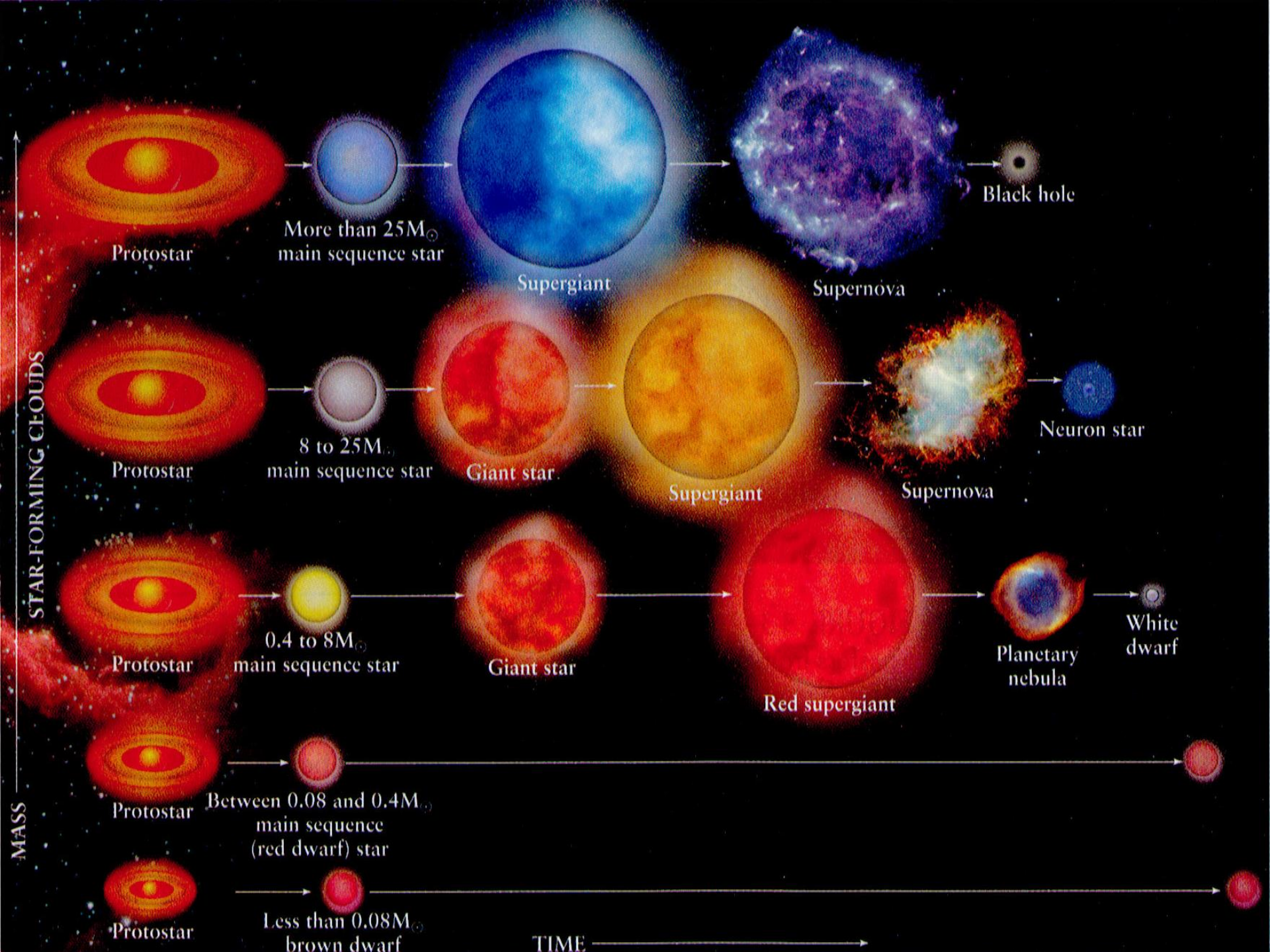
- A Star's beginning
 - Nebulae and Protostars
- Fusion
- Low-Mass Stars
- Intermediate-Mass Stars
 - Red Giants
- High-Mass Stars
 - Supernovas
 - Black Holes

TeachWithFergy

Preview File

Please enjoy this preview of your Student Version of the lesson. I've created this PDF for ease of viewing and to decrease the file size but of course, your lesson will be in PowerPoint format.

- Some slides appear blank because they have been removed.
- Student versions have portions of the text removed which is given in the teacher version and appear as _____
- Other slides may have on them, this represents writing that has been removed.



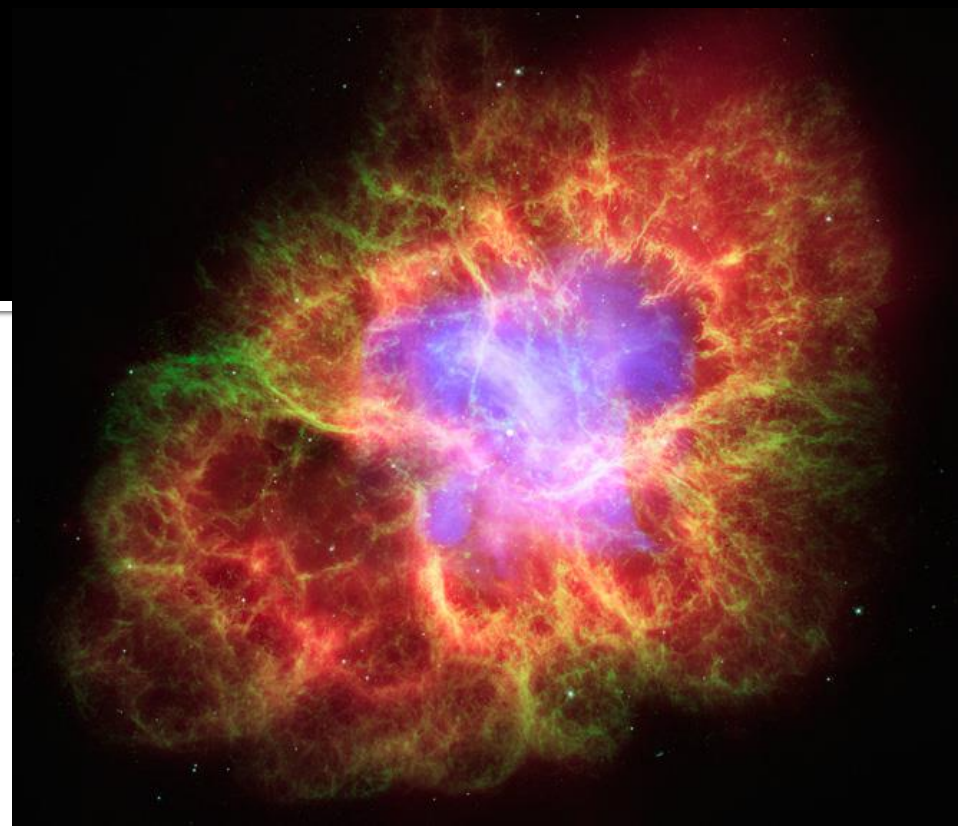
Stars

- All stars begin their lives as a nebula, which is a huge cloud of dust and gases,

_____.

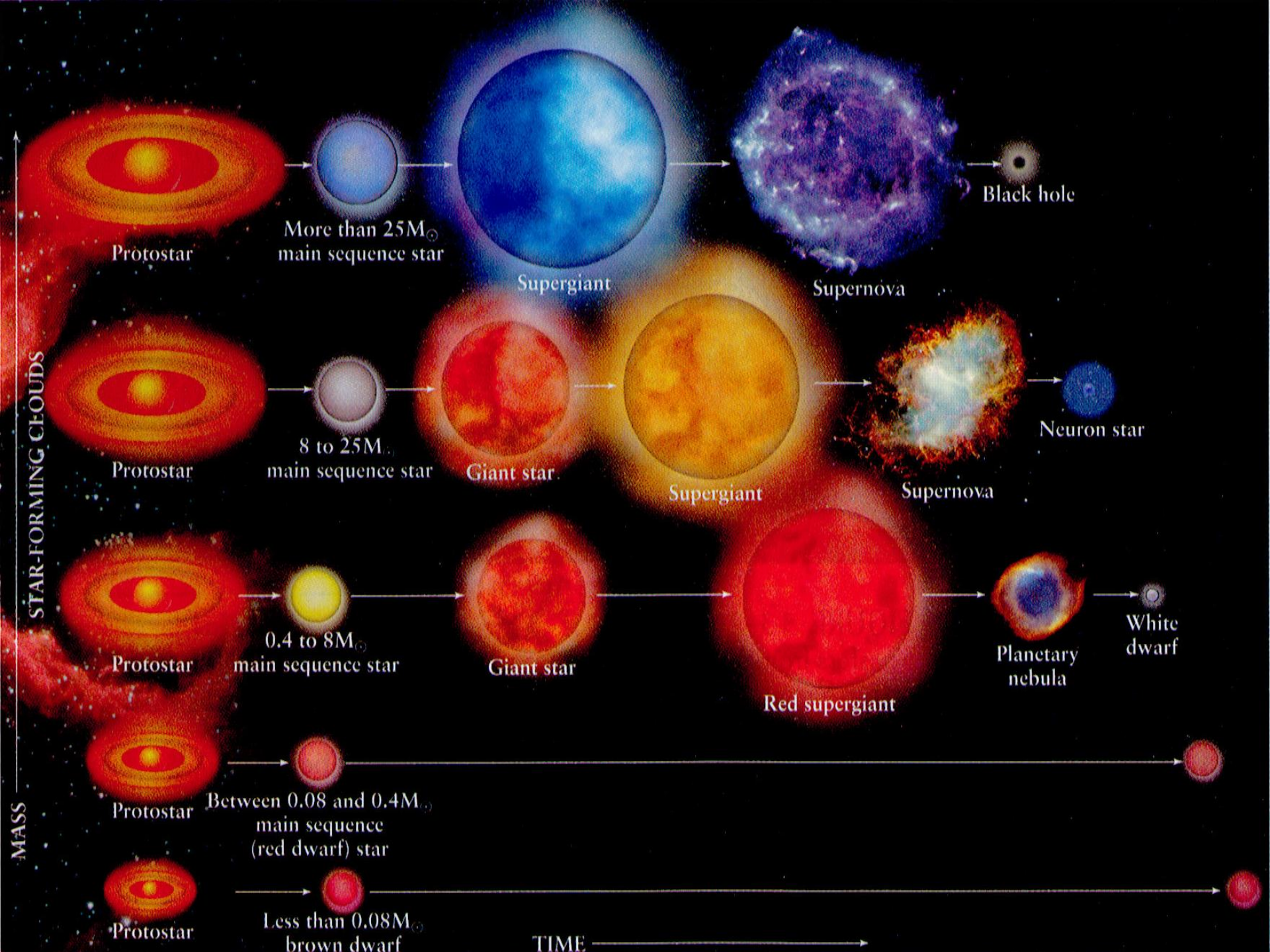
-

- _____

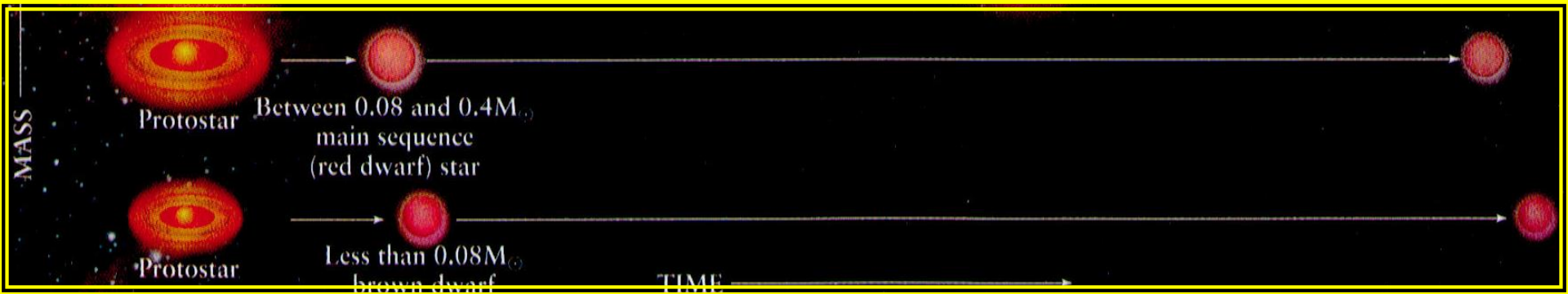
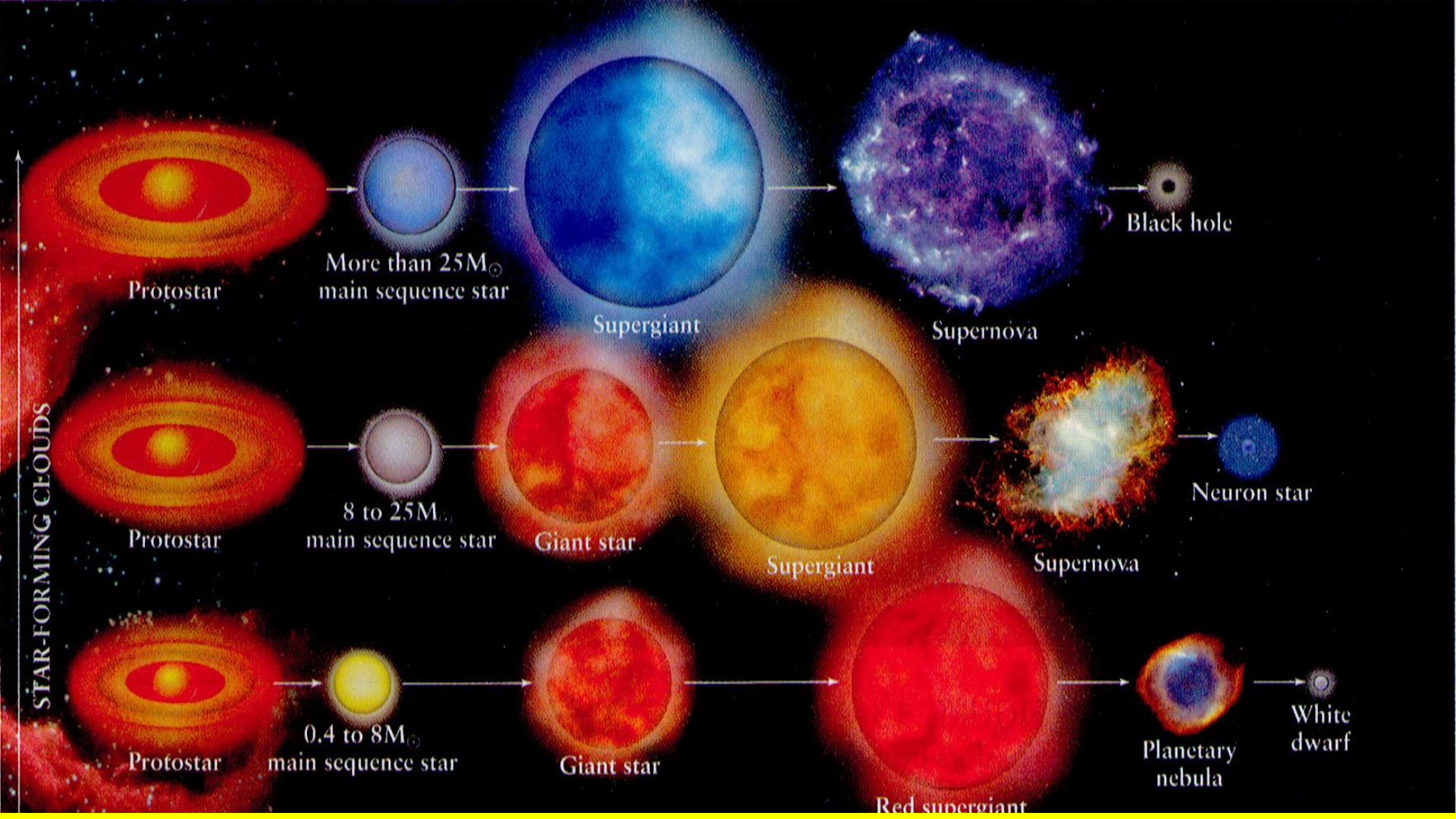


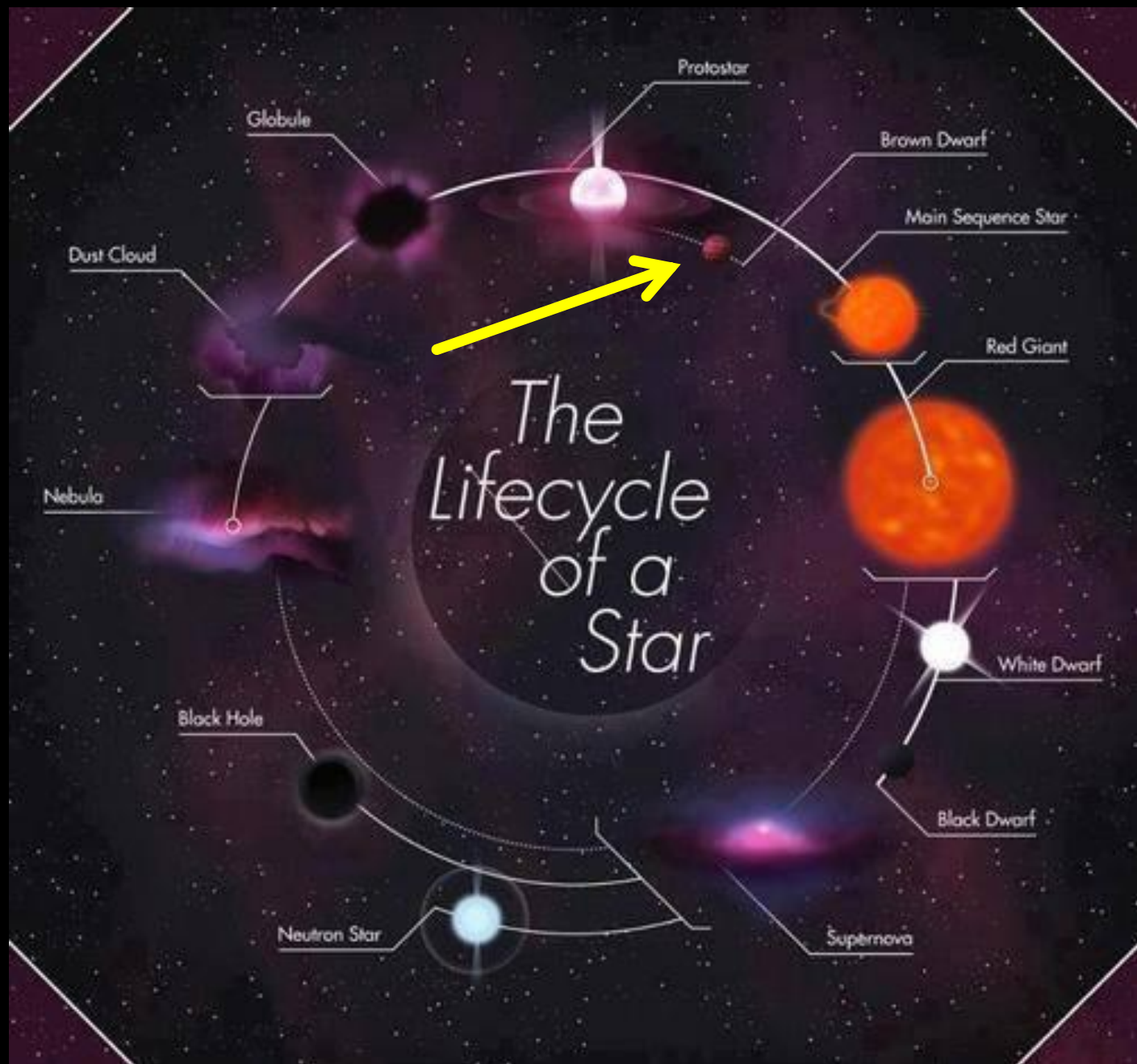
Star – Life Cycle

-
- Eventually that fuel runs out
- _____



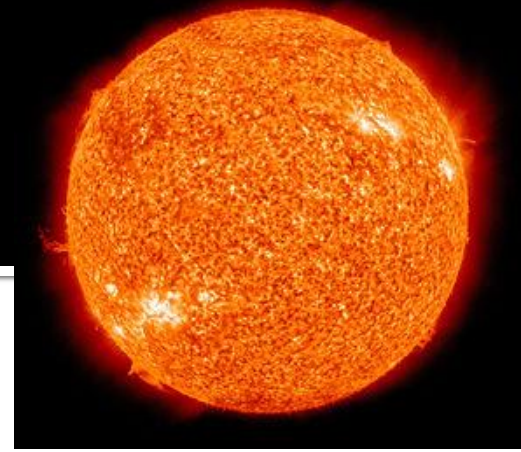
This slide has been removed





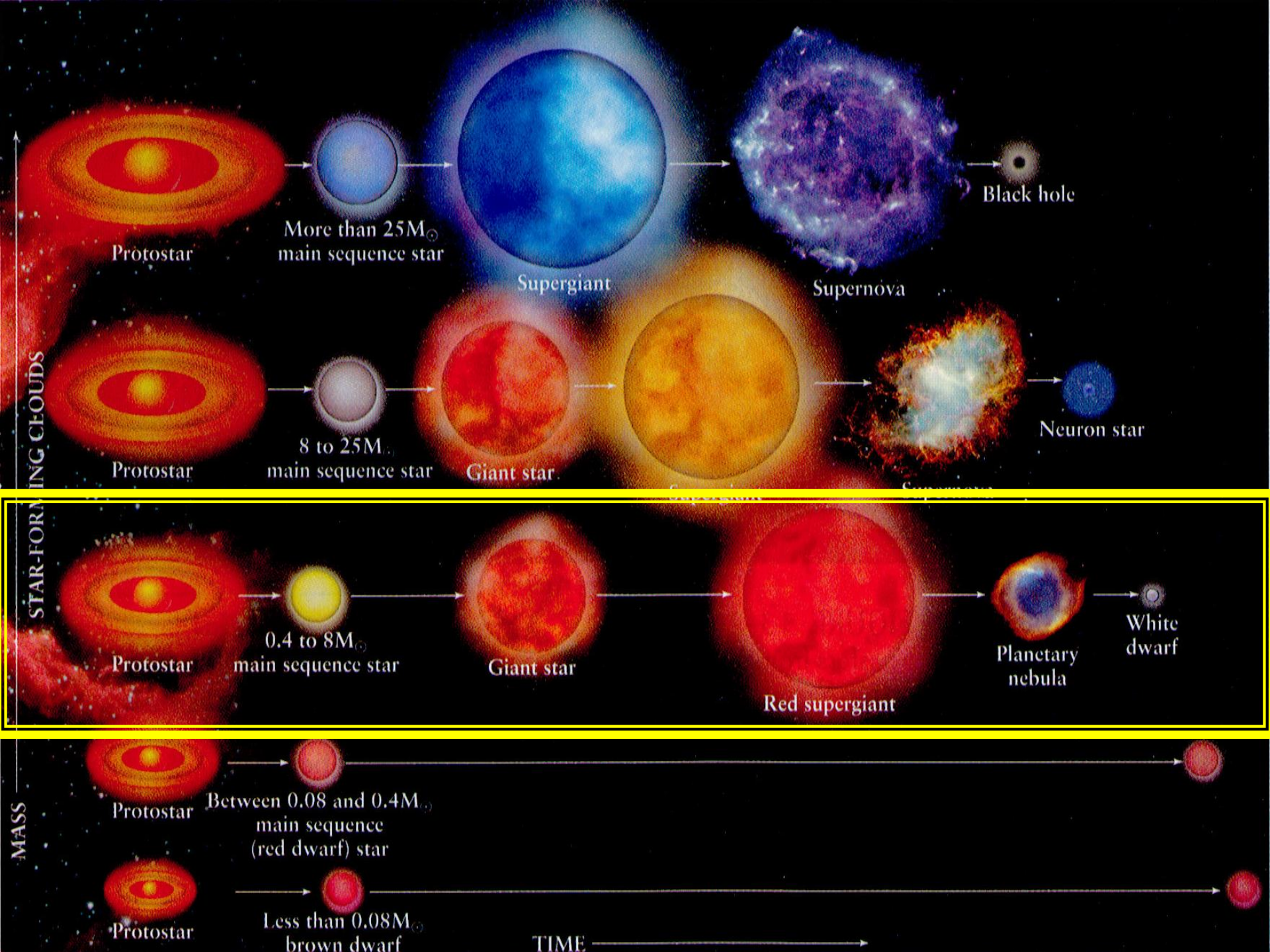
- _____

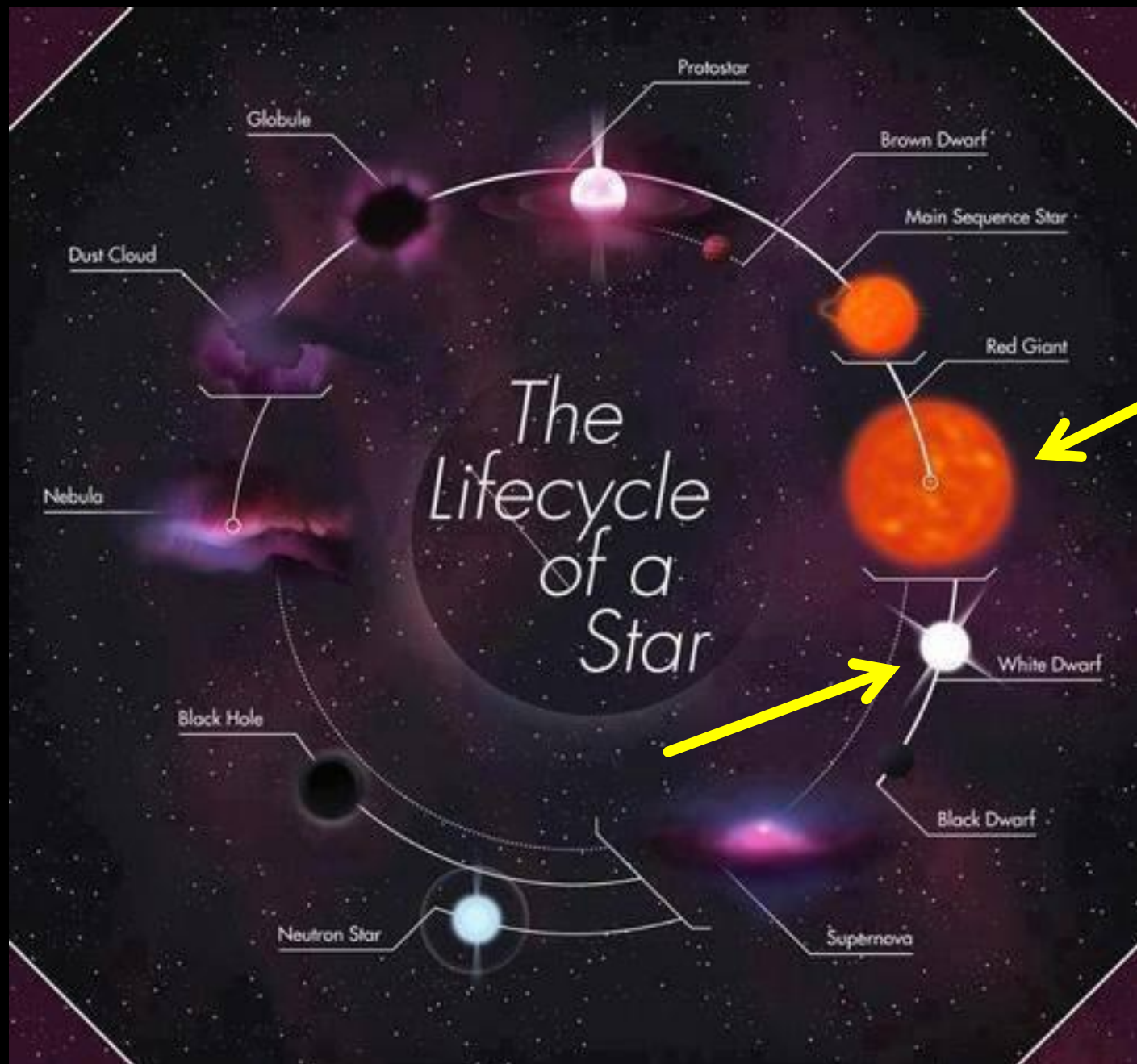
Intermediate-Mass Stars



-
 - Becomes a Red Giant or Red Supergiant
 - Our Sun will become one in about 5 billion years and its _____

This slide has been removed





High-Mass Stars

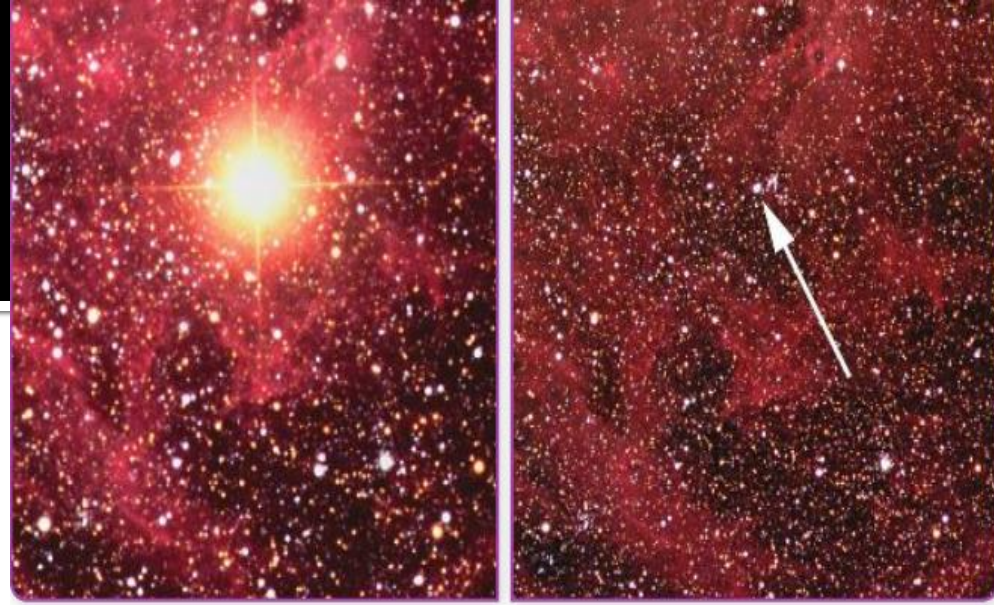
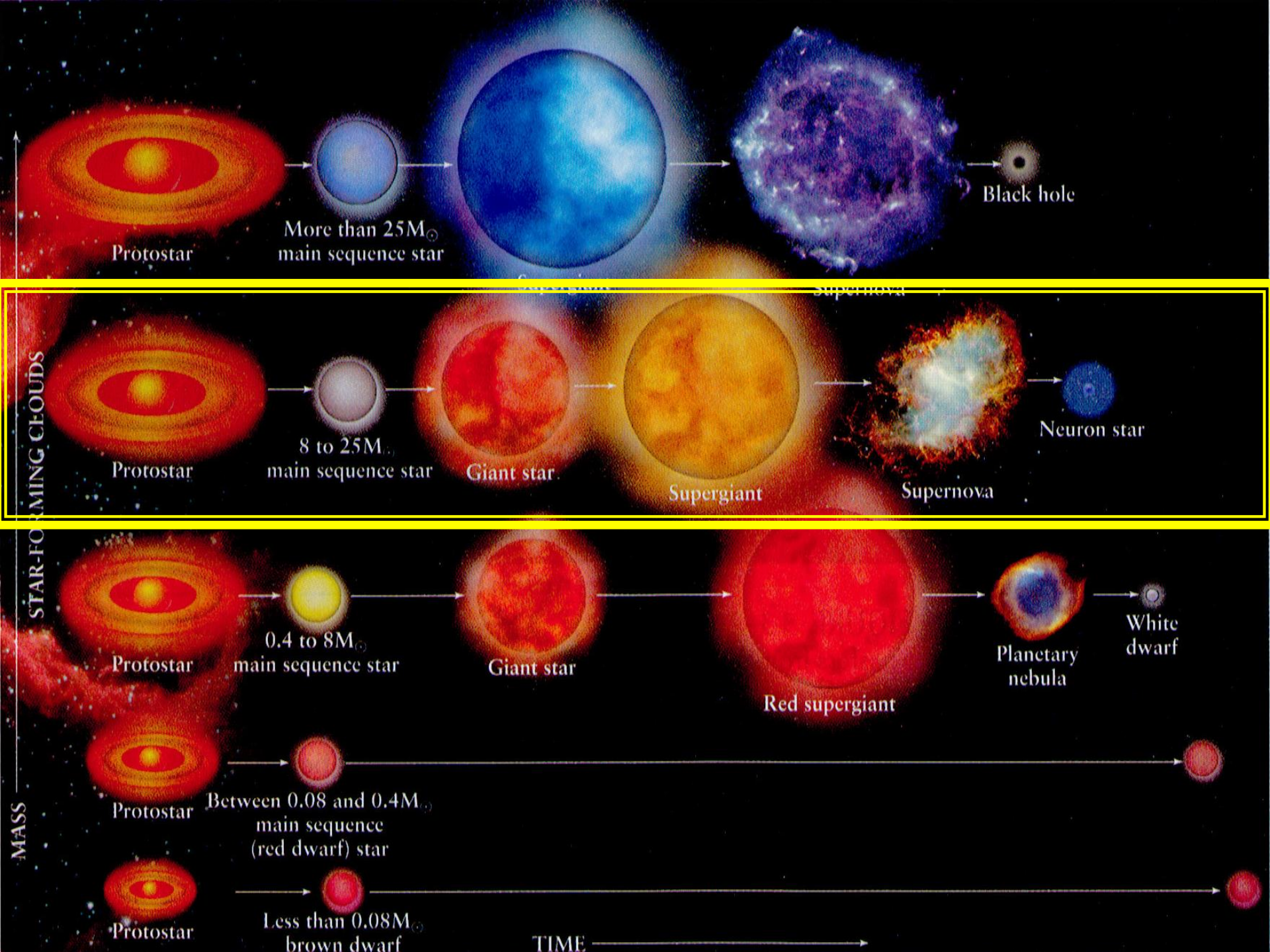


Figure 8.30 The image on the left shows the supernova discovered by Ian Shelton. The image on the right shows the same area before the supernova.

-
- Use their fuel very fast – die more quickly and more violently
- _____



Neutron Stars

- Neutron Stars are made of neutrons because their protons and electrons were _____
- They are incredibly dense (A LOT of matter stuffed into a very small area)

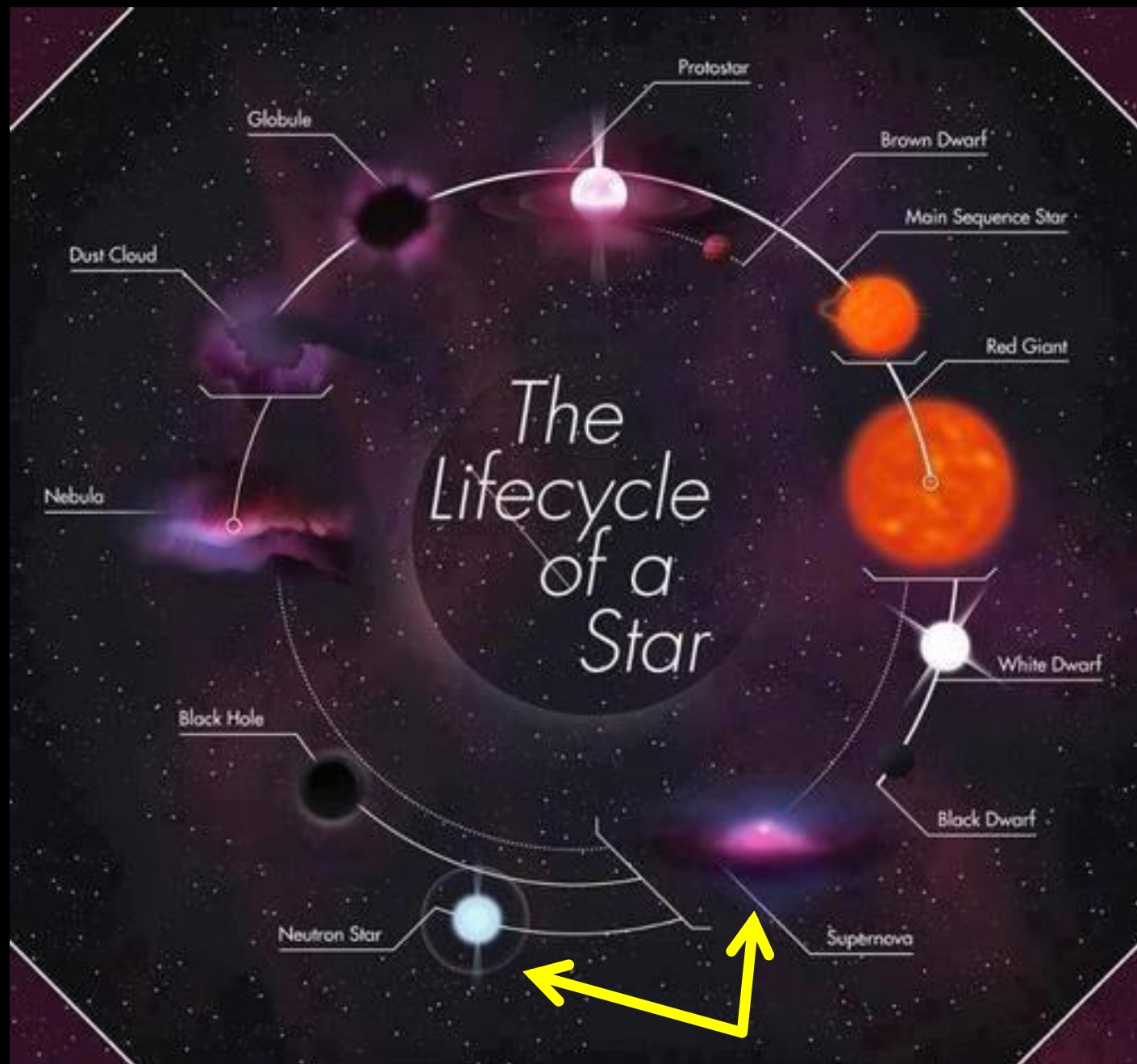


■

Thor's Hammer and Neutron Stars

- If Thor's Hammer was created from the core of a Neutron Star it would weigh 4,635,850,000,000,000 kg





This slide has been removed

