**Types of Stars**

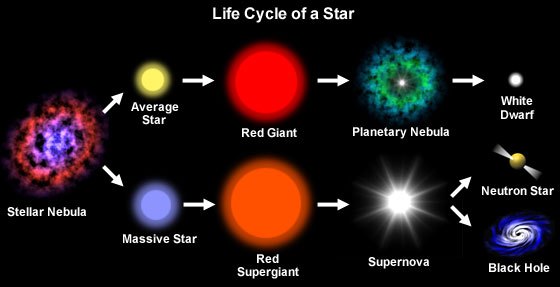
**Watch:** [**https://www.youtube.com/watch?v=ld75W1dz-h0**](https://www.youtube.com/watch?v=ld75W1dz-h0)

**Read: Oxford Page 144/5**

**There are a number of different types of stars. Define/distinguish between the different types of starts in the space below:**

|  |  |
| --- | --- |
| **Medium Star** | **Super Red Giant** |
| **Large Star** | **White Dwarf** |
| **Red Giant** | **Neutron Star** |

**Describe the process of nuclear fusion that occurs on the sun:**

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjPgo_554feAhUO_GEKHZTxCzYQjRx6BAgBEAU&url=http%3A%2F%2Fwww.astronomytrek.com%2Fexploring-the-different-types-of-stars%2F&psig=AOvVaw1JZUZFcKzEGxFfxTm-OkvJ&ust=1539671095029993)

**Fill in the blanks below:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(core >3 solar masses)**

**Neutron star**

**(core <3 solar masses)**

**And planetary nebula**

**Variable star**

**\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(original mass <8 solar masses)**

**Super Red giant star**

**(original mass >8 solar masses)**

**Main sequence star**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Gas Nebula**