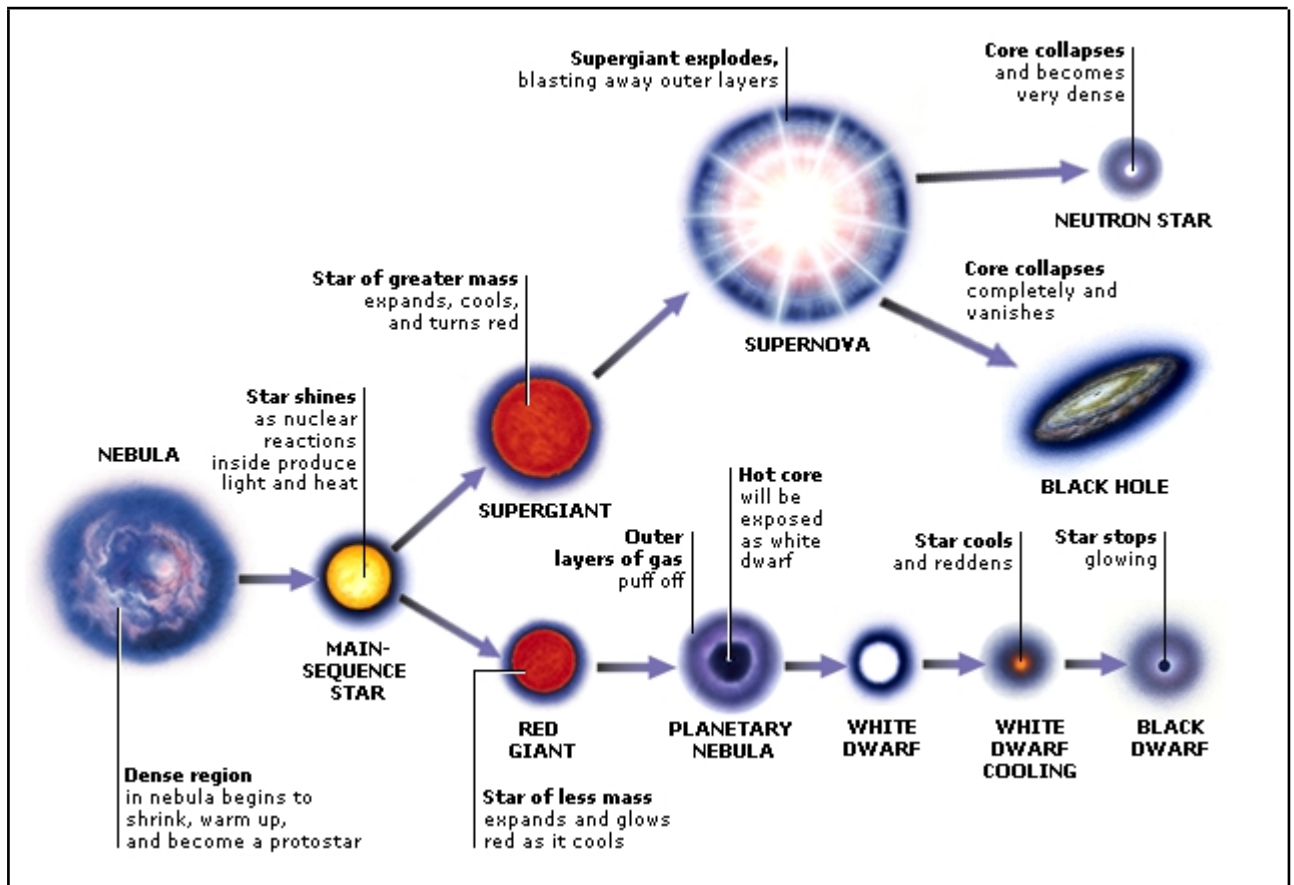


Q1. Watch this video about [star formation](#) and take down the main stages of the life cycle and some of their characteristics, this can include diagrams.



Q2. Guess which? During this activity write down examples of the good descriptions your partner gave and descriptions of some of the items you didn't know about.

My partner gave a really good explanation of Mars - it is a planet near Earth, there is a famous movie about it, it looks red in colour, it has gravity

Q3. Learn about black holes with this [visualisation](#) made by the UCD Relativity group. Describe in your own words what you see in the video.

A black spot blocks the light and bends the light around it so the starry background doesn't look like normal

Q4. Looking back to worksheet 3.1 have any of the answers to your questions been found? Summarise the answer below. Are there any questions remaining?

What is a black hole?  
It is when a supermassive star collapses in on itself

Q5. Have you learned anything new? What was the most interesting thing you learned about?

There are different types of stars and different things happen to them depending on their size.