

# Objects stars can be in their Lives

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Nebula - cloud of dust and gas

Red giant - very big star because of an envelope of Hydrogen is expanding outwards

White Dwarf - small, hot star; remaining core for a low mass star after H. envelope disperses.

Supernova - if a star is big enough it will explode after the red giant phase

neutron star - the core remaining after the supernova of a med. mass star.  
All  $e^-$  and  $p^+$  join to form neutrons.

black hole - remaining core after the supernova of a high mass star.  
- even denser than neutron star  
- so much gravity, light can't escape



