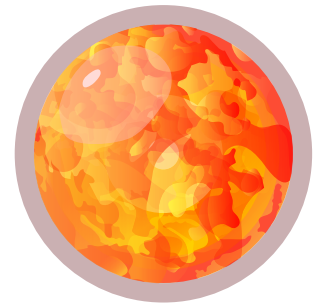


LIFE CYCLE OF A STAR

NEBULAR/PROSTAR - A nebula is a large ball of dust and gas that spins together. It is where stars are born.



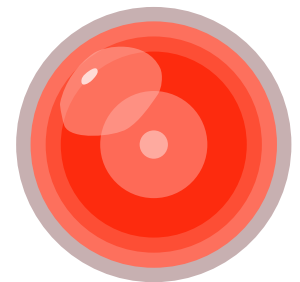
MAIN SEQUENCE - When the prostar gets hot enough, a nuclear reaction begins and starts to glow like our sun.

RED GIANT - When the main sequence runs out of hydrogen, the star expands and it becomes a red giant.



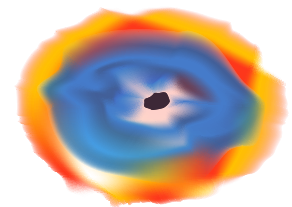
SUPERNOVA- When the core collapses due to nuclear fusion, a star explodes.

WHITE DWARF- When gravity pulls atoms close together a white dwarf is formed.



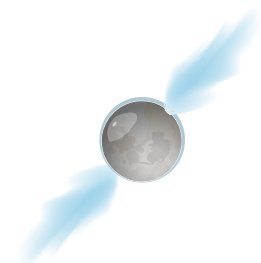
BLACK DWARF- A black dwarf is made when a white dwarf star becomes too cold and gets darker and becomes black.

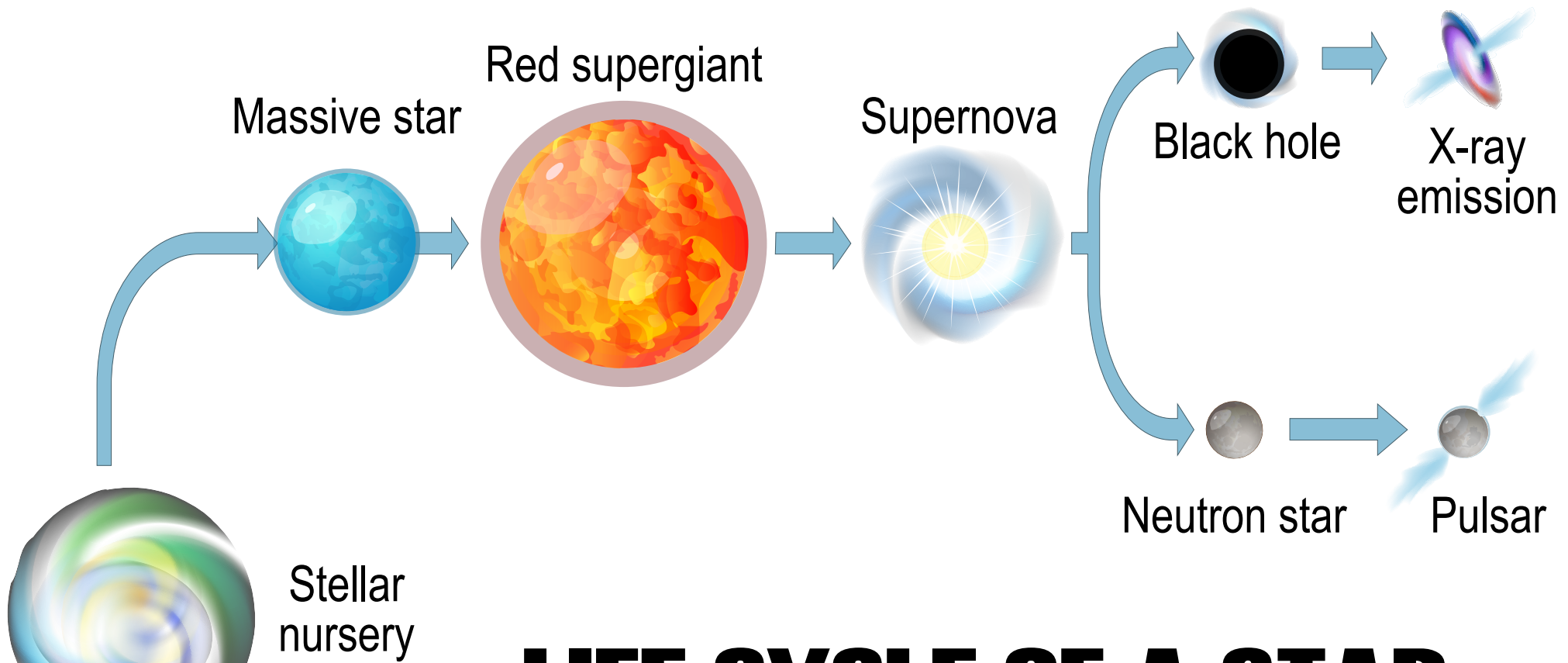
BLACK HOLE- A black hole is a region of space that absorbs all light, and from which nothing can escape.



NEUTRON STAR- A neutron star is a very small and dense star.

PULSAR- Pulsars are neutron stars which spin rapidly and produce huge electromagnetic radiation along a narrow beam.





LIFE CYCLE OF A STAR

