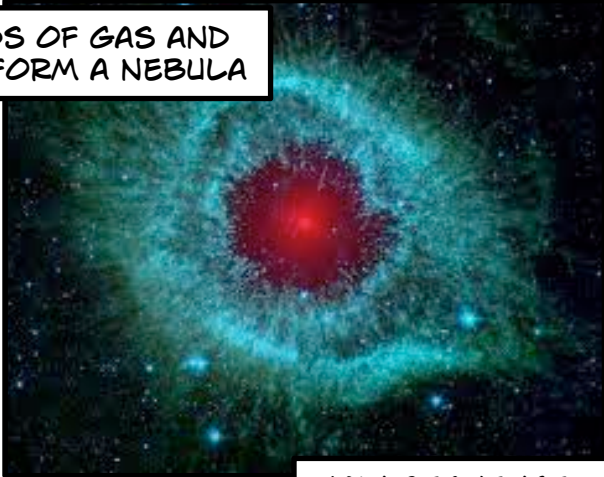




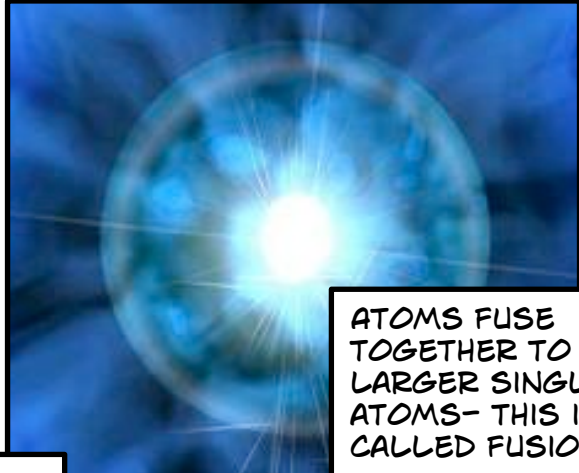
LIFE CYCLE OF A STAR

Intermediate star

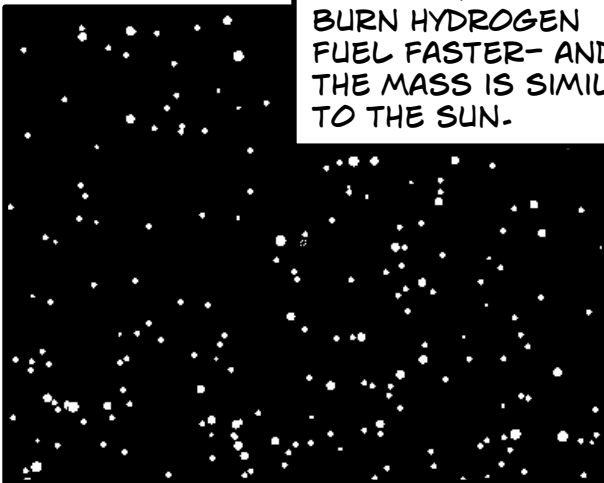
CLOUDS OF GAS AND DUST FORM A NEBULA



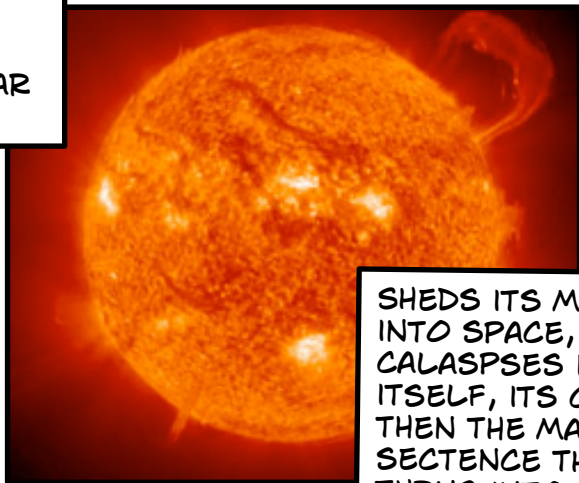
ATOMS FUSE TOGETHER TO FORM LARGER SINGLE ATOMS- THIS IS CALLED FUSION



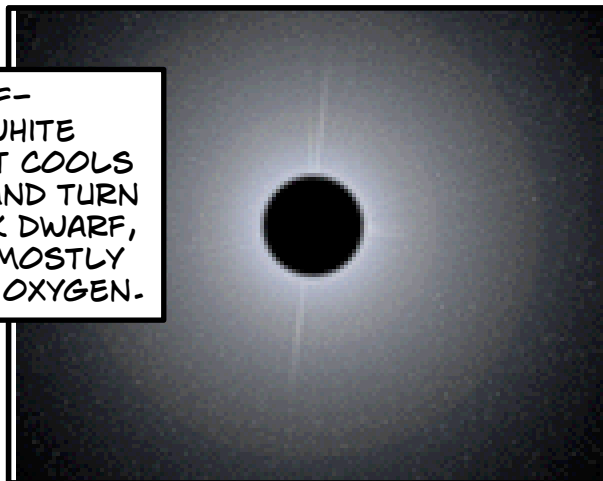
MAIN SEQUENCE- BURN HYDROGEN FUEL FASTER- AND THE MASS IS SIMILAR TO THE SUN.



SHEDS ITS MATERIALS INTO SPACE, COLLAPSES IN ON ITSELF, ITS COOLER THEN THE MAIN SEQUENCE THEN IT TURNS INTO A SMALL DIM STAR. --- THE RED GIANT.

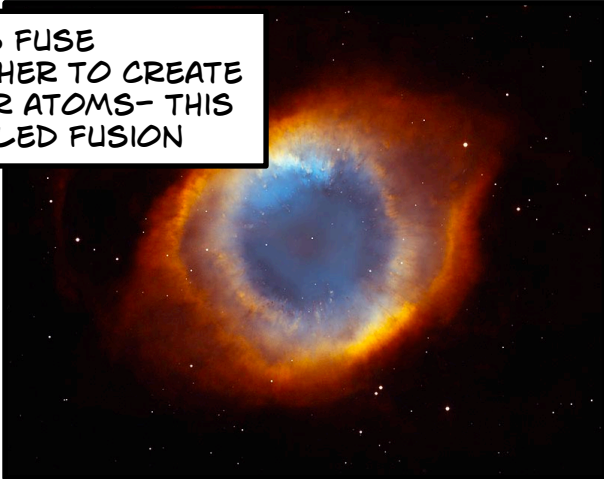


BLACK DWARF- SMALL DIM WHITE STAR, THEN IT COOLS EVEN MORE AND TURN INTO A BLACK DWARF, MADE UP OF MOSTLY CARBON AND OXYGEN.

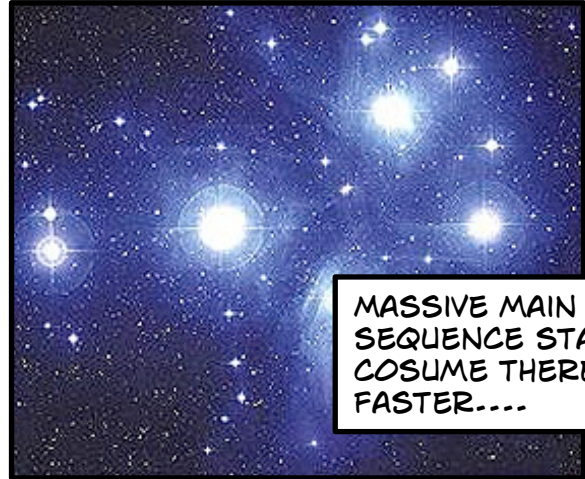


High mass star

ATOMS FUSE
TOGETHER TO CREATE
BIGGER ATOMS- THIS
IS CALLED FUSION



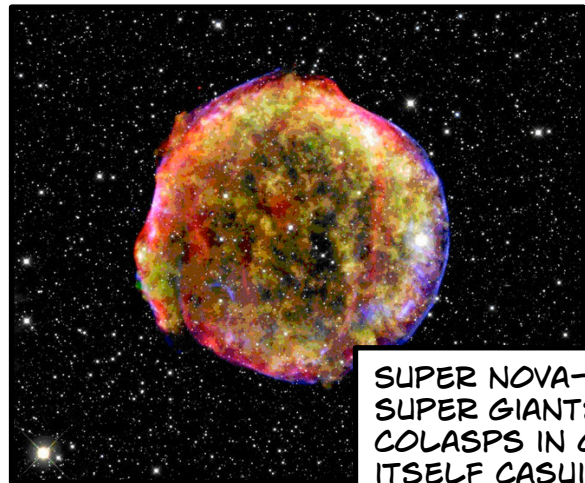
MASSIVE MAIN
SEQUENCE STARS
CONSUME THEIR FUEL
FASTER....



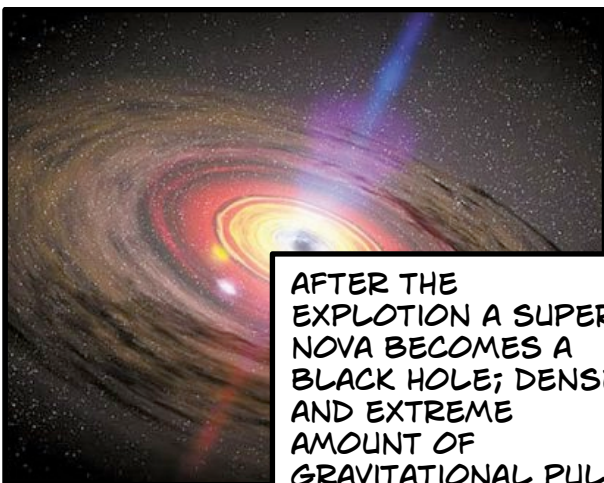
BECOMING SUPER
GIANTS- LARGE HOT
STARS WITH BURN
OUT QUICKLY



SUPER NOVA- THE
SUPER GIANTS
COLLAPSE IN ON
ITSELF CAUSING A
MASSIVE EXPLOSION



AFTER THE
EXPLOSION A SUPER
NOVA BECOMES A
BLACK HOLE; DENSE
AND EXTREME
AMOUNT OF
GRAVITATIONAL PULL



THE CORE OF THE
SUPER NOVA WILL
COLLAPSE BACK ON
ITSELF BECOMING A
NEUTRON STAR

