

IM THE
NEBULA ALL
STARS
START WITH
ME!!!!



hydrogen

ATOMS COMBINE TO
FORM

helium

TO FORM A NUCLEAR
FUSION

LIFE CYCLE OF AN INTERMEDIATE
MASS STAR

white dwarf

star!

RED GIANT

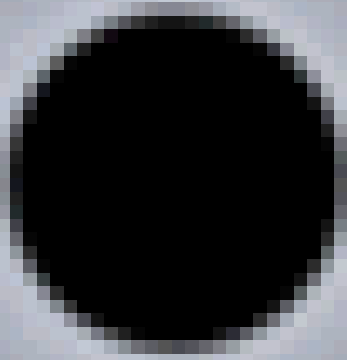
INTERMEDIATE
MASS STARS
EXPAND INTO
ME AFTER A
PERIOD OF
STABILITY

STAR FORMS AND LAST
ONLY ABOUT 10
BILLION YEARS

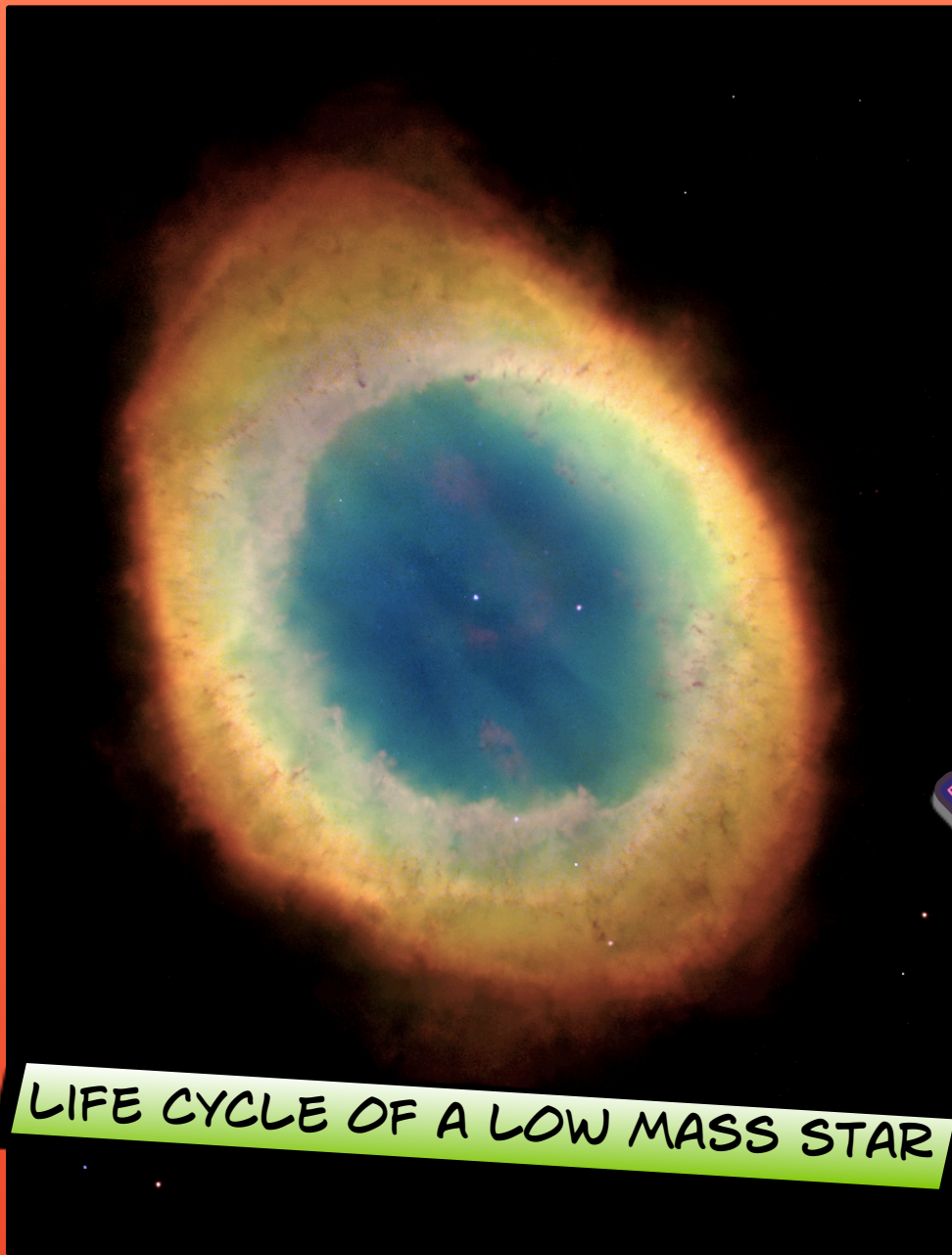
MATERIAL
COLLAPSES IN
ON ITSELF ON
SLOWLY
SHRINKS INTO
ME.



BLACK DWARF!!!!!!!!!!!!



AS IT COOLS EVEN MORE, IT TURNS INTO A BLACK DWARF, MADE UP OF MOSTLY CARBON AND OXYGEN



LIFE CYCLE OF A LOW MASS STAR

NEBULA

ALL STARS STARTS WITH A NEBULA

HYDROGEN

atoms combine with

HELIUM

to form a nuclear fusion



STAR STAY SMALL. AND EXIST AS A RED DWARF FOR MOST THEIR LIFE



white dwarf

STARS TURN INTO A SMALL HOT WHITE DWARF AND QUIETLY BURN OUT