Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_\_ Binder Page # \_\_\_\_\_\_\_\_

**The Life Cycle of our Sun – Mini Project (\_\_\_\_\_\_/44 pts)**

Please use our Notes (#48), HR Diagrams, and pages 707-714 in the textbook.

Task: Please create a 7 Panel drawing that illustrates the lifecycle of a “Sun-like” star.

To Start……Find Answers to the questions below / Fold this paper into 8 panels / Place Drawing and info on BACK

Panel 1: \_\_ (1) **Title – Life Cycle of a Sun-like Star** Panel 5: \_\_ (1) **Title - Red Giant**

\_\_ (2) Drawing: \_\_ (1) Fuses \_\_\_\_\_ into \_\_\_\_\_ in core

\_\_ (1) Color and Luminosity

\_\_ (1) Size and Temperature

\_\_ (1) Length of time in stage

\_\_ (2) Drawing:

Panel 2: \_\_ (1) **Title – Nebula** Panel 6: \_\_ (1)**Title – Planetary Nebula**

\_\_ (1) Made of \_\_\_\_\_\_ \_\_ (1) Made of \_\_\_\_\_\_

\_\_ (2) Drawing: \_\_ (2) Drawing:

Panel 3: \_\_ (1) **Title – Protostar** Panel 7: \_\_ (1) **Title – White Dwarf**

\_\_ (1) Made of \_\_\_\_\_\_ \_\_ (1) Made of \_\_\_\_\_

\_\_ (1) Color: \_\_ (1) Color:

\_\_ (2) Drawing: \_\_ (1) Size and Temperature:

\_\_ (1) Luminosity:

\_\_ (2) Drawing:

Panel 4: \_\_ (1) **Title - Main Sequence** Panel 8: \_\_ (1) **Title – Black Dwarf**

\_\_ (1) Fuses \_\_\_\_\_ into \_\_\_\_\_ \_\_ (1) Made of \_\_\_\_\_

\_\_ (1) Color and Luminosity \_\_ (1) Color:

\_\_ (1) Size and Temperature \_\_ (1) Size and Temperature:

\_\_ (1) Length of time in stage \_\_ (1) Luminosity:

\_\_ (2) Drawing: \_\_ (2) Drawing: ☺

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