**THE LIFE CYCLE OF A STAR**

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You are to create a poster that explains to people how stars are born, live out their lives and eventually die. Your poster should be both informative and well presented, it should make people want to stop and read it! You may create your poster by hand or on a computer.

**Introduction**

* Define what a star actually is.

**Content**

* Details about the two different paths that a star can take in its life including the names given to the different types of stars.
* What causes a star to move from one phase to the next during the life cycle?
* How mass plays a role in a stars possible life cycle.
* Descriptions about the different ways a star can die.

**References**

* You should include at least 3 references, with at least 1 of those being a book. These should be set out as shown in the student diary.
* These are best written on the back or on a piece of paper stapled to the back of your poster.

**Other**

* Be careful, too much information can make your poster messy and hard to understand! You should aim for quality over quantity.
* You will need to include pictures and diagrams, these may be hand drawn or printed. They must include explanations and labels.
* DO NOT copy and paste information – make sure everything is written in your own words!
* Staple this sheet to the back.

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| **NECESSARY INFORMATION** | **MARKS AVAILABLE** | **YOUR SCORE** |
| What is a star | **3** |  |
| Different pathways drawn | **4** |  |
| Different pathways explained, including the names of different types of stars. | **10** |  |
| Relevance of mass explained | **4** |  |
| Death | **4** |  |
| Neat | **1** |  |
| Clear | **1** |  |
| Nicely presented | **2** |  |
| Diagrams appropriately labelled | **2** |  |
| Title / Heading appropriate and clear | **2** |  |
| References | **3** |  |
| **TOTAL** | **36** |  |