

Stellar Life Cycle

Instructions for your Individual Components for this Group Project [Due Friday, 01/22/16]

For this project, you will select either a medium main sequence star (like our own wonderful Sun) or a Large Star. If your group has 3 or less people, you may select either star cycle. If your group has more than 3 people, you are expected to select the Large Sequence Stars.

Each of the aforementioned components involves creating more than one 2D or 3D model, but your life cycle should be connected into one cohesive piece. I encourage you to share ideas and resources and help each other with the various stages of this project.

You will be provided with one link to a website to start your research. Each of the sections below represents a progress checkpoint that is graded over the course of the entire project. This will ensure that you remain current on grading while we work through the material.

Here are the stages for completion of your project:

1.) Select the Star Cycle you will be creating and presenting to the class. [Daily Grade – Research]

2.) Develop your Outline and Guide for building your display. You should have at least one solid page of information about your component. [Daily Grade – Summary Statement]

FOR 2D FINAL PIECES;

1.) Create a 2D Illustration of your Display and include informative statements for each cycle piece. Each person in the group MUST create one (or more) of these prototype illustrations, including the labeled summary statement. Use the whole 8.5" x 11" paper to draw your selection. Color your illustration using Colored Pencils. These illustrations will guide you in the creation of 3D plans. [Daily Grade – Illustration]

2.) Create a 2D Illustrated & Labeled FINAL PIECE for your star cycle Model. At the minimum, your star cycle should cover a large poster board, though I encourage larger pieces. Color your illustration using Colored Pencils. These plans will guide you in the creation of 3D plans. [Daily Grade – Model Plans]

FOR 3D FINAL PIECES

1.) Create a 2D Illustration of your Display and include informative statements for each cycle piece. Each person in the group MUST create one (or more) of these prototype illustrations, including the labeled summary statement. Use the whole 8.5” x 11” paper to draw your selection. Color your illustration using Colored Pencils. These illustrations will guide you in the creation of 3D plans. [Daily Grade – Illustration]

2.) Create a 3D & Labeled FINAL PIECE for your 3D Model. [TEST Grade – Model]

FOR ALL MODELS

1.) Each group will present their model to the class. All group members must have an active speaking role in the presentation. A logical progression would be to have each person describe their assigned sections of the project.

