

The Most Original & Intense Galaxy System Ever!

Instructions for your Individual Components for this Super-Group Project

[Due Dates Vary]

For this project, you will create a cohesive class-wide galaxy to present to school. Most of components are individual, since you will create your own original planet to orbit a star within the class galaxy. Each of the aforementioned components will involve the creation of varied model types, including 2D & 3D. I encourage you to share resources and help each other with the various stages of the 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.) Start with the link provided – You will develop your entire project based on the research you conduct over the next few days. Print or record electronically the important information regarding your original planet. [Daily Grade – Research]
- 2.) Develop your Summary Statement to guide your building of a 3D model incorporate into the class display. You must reference the type of sun it orbits, its distance from that sun and the overall size. Also determine the topography and atmosphere of your planet, ensuring that it is capable of supporting a unique and original organic life form. [Daily Grade – Summary Statement]
- 3.) Create a 2D Illustration of your Component to display alongside your 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. You should draw a preliminary sketch of the outer planet, a cut-out diagram that identifies the interior. [2 Daily Grades – Both Planet Illustrations + Organic Lifeform Illustration]
- 4.) Create a 2D Illustrated & Labeled Plan to reference as you build your 3D Model. Use the whole 8.5" x 11" paper to draw the plan and label all materials. Color your illustration using Colored Pencils. These plans will guide you in the creation of 3D plans. [Daily Grade – Model Plans]

5.) Create your 3D Model. Use any available materials to create your 3D sun, planet, satellites, meteors/meteorites, asteroid belts, and other components. [Test Grade – 3D Model]

We will work as one large group to put together a final piece, so each day we will check in with each other to ensure we agree on sizes. Your ideas are important, so let's work together to make a really fantastic model with any materials we can harvest.