

PROJECT: DIFFICULT MISSION DOCUMENTARY

Much of what you can do in Kerbal Space Program is very hard. And there are a lot of really difficult tasks that you can do. Fly into the Sun. Visit Multiple Planets. Construct a very large ship in space and fly it out of the solar system. Establish a large base on another planet. Etc. Etc. Etc. In this project, you'll work on completing a very hard task and document your design and problem solving process and present it as a documentary at the Showcase..

The components for this project:

- (1) A choice of a very difficult objective to complete in the game. This must be approved by your instructors before you begin.
- (2) Attempt to complete the objective while documenting - through screen shots, data, and written logs - what your design logic and process are. When something goes wrong, explain why and discuss your plans going forward to fix it.
- (3) A written narrative which goes through your trial-and-error, design, and problem solving process towards the goal. Highlight the key insights which allowed you to make progress.
- (4) A way mini-documentary which shares this process through the Fifth Term Showcase format.