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Grade	
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## Project Workweek

## Pre-Lab Quiz

Record your team's answers as well as your reasonings and explanations.

1. When it comes to working on group projects, what are your lab group members' general experiences? What strengths do you each bring to the team? What are areas where you would each like to improve your group project contributions?
2. What are some notable group projects that your group members have participated in outside of Astronomy class? What went well with these projects? What did not go as smoothly?
3. You will work on your project during lab today, but collaboration outside of this time will also be necessary. Discuss what tools might be useful to your lab group for sharing project information and keeping track of project progress. Which tools have you decided to utilize?
4. What do you and your lab group members hope to learn in your Astronomy lecture and lab that you have not studied about yet?

1.

2.

3.

4.

## Part 1: Mission/Spacecraft Selection and Format Selection

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1. Read through the document that introduces your semester lab project at <https://itu.physics.uiowa.edu/courses/ASTR1080> The members of your lab group could take some time to read independently, or you could alternate reading aloud. Do you think there is any possibility that in some way you might be able to incorporate learning about some of your answers to Pre-Lab Quiz Question 4?
  
2. Of the Mission/Spacecraft Selection options, decide what your group will present on and record your choice below. What astronomical object(s) did this mission or spacecraft study, and when, and what were the goals of its program?
  
3. Consider the project Format Selection options. Which Format Selection option will each of your group members pursue? Record the choices of all group members below.

## Part 2: Initial Project Work

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1. Decide on and briefly describe the process your group members will follow for producing your individual projects and your 10-minute group presentation. Will you work on meeting all the criteria of the presentation simultaneously or divide up the work? When will you practice your presentation? Collaboration outside of lab time is necessary to complete a robust lab presentation. Mark some dates on your calendar when your lab project group will meet to work on your presentation.
2. What software will your group use to create your group slideshow presentation? During your presentation, each student in your group should talk for at least 2 minutes. How will you divide up your talk by group member? Who will present on which criteria of the project?
3. On the lab project presentation day, there is time for students to ask questions of their peers. While other groups in your section present their talks, you are graded on each member of your group asking 1 question about another group's project (3 questions total for your group). How will you and your group members make sure 3 questions get asked by the 3 of you?

4. Begin work on your 10-minute group slideshow presentation: Take notes below on some of the Background and Science information required. (What astronomical object(s) did your Mission/Spacecraft Selection study, and when, and what were the scientific goals of its program? Who built the mission or spacecraft and its different parts/instruments?)

5. List any article links, books, or other resources you used to collect the information above.