

# Space Unit Extra Credit Options

(pick one of the options below)

Auditory - Listen to the complete recording of The Planets, written by Gustav Holst, [here](#). The Planets is an orchestral suite divided into seven movements, one for each of the planets in the solar system. The music attempts to interpret the historical and cultural significance of each of the planets. Listen to the complete recording and then, on a Google Doc, write up a one-page summary of the piece and your reactions to it. What did you think about it? Which movement was your favorite and why? What emotions did you experience? If you were to write a movement for Pluto, what emotions would you try to invoke in the audience, and how would your music sound? Attach your Google Doc to this extra credit assignment and then turn it in!

Visual - Observe the night sky with your own two eyes on two different nights, separated by at least three days. On a Google Doc, research the date and times of your observations, identify constellations you can see, and describe any differences you notice in the sky over the two nights (Moon position, star locations, etc.). After you have completed your own report, add a section to your Google Doc and research into what the Southern Hemisphere saw on those two nights. Compare what you saw to what they saw in that section on your Google Doc, and add a section for your sources. Attach your Doc to this extra credit assignment and then turn it in!

Verbal - Research into the current space race for regular citizens to get into space, otherwise known as space tourism. Create a speech talking about the history of space tourism, what is currently happening in the present, and how you think it is going to be in the future. Attach the written version of your speech to this extra credit assignment (optional - attach a video of you giving your speech too) and then turn it in!

Logical - Research into the development of instruments and tools astronomers and astronauts have used, from the time of Copernicus to present day. Using what you have learned, predict the instruments and tools that will be needed by 2050. Create a timeline of instruments developed in the past (at least 15 from the past), and include your predicted tools and instruments that will be developed in the future (at least five). Attach either your hand drawn timeline or your digital timeline to this extra credit assignment and then turn it in!

Kinesthetic - Research into the surface of either a planet in our solar system or an exoplanet in another solar system. Create a diorama of the surface making sure to be accurate in terms of color, texture, and objects located on the surface. Then either create a video explaining your diorama to me and attach it to this extra credit assignment, or take pictures of your diorama

and explain what is being seen in a Google Doc and attach the pictures and Doc to this extra credit assignment and then turn it in!

Social - Get together with another human (could be a student, parent, friend, etc.) and watch a space related movie. Together, analyze the movie for scientific accuracy and what was not accurate. Add your analysis to a Google Doc but remember to be specific and detailed. Include at least three scenes that were accurate and three scenes that were not accurate. You will be graded on the level of critical thinking , accurate science, and effect shown. Attach your Google Doc to this extra credit assignment and then turn it in!

Interpersonal - Investigate a career as an astronaut. Research into what the qualifications were in the past, and what they are today. Create a job posting that describes all the qualifications needed by aspiring astronauts for today, or for a time period in the past. Your job posting should be complete and detailed. Attach it to this extra credit assignment and then turn it in!