

Lift-Off Task: Our Solar System

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Unit Essential Question: *What forces keep the parts of our solar system together and how can we use this knowledge to plot a telescope route through space?*

Reflection

Individually reflect on the Lift-Off Task, using the questions provided:

1. At the beginning of this task, you made a list of all the questions you have about the solar system. Look back at your list: think about the questions your peers asked that you did not initially write down. How are their questions different from the ones you originally asked?
2. In this unit, we will be focusing on four crosscutting concepts:
 - **Patterns:** patterns can be used to identify cause and effect relationships.
 - **Cause and Effect:** cause and effect relationships may be used to predict events.
 - **Scale, Proportion, and Quantity:** scaled models can be used to study time, space, or energy systems that are too large or too small.
 - **Systems and System Models:** models can be used to represent systems and their interactions.Looking at your class concept map, give one example of how a crosscutting concept came up in today's task.
3. Now that you understand what project you'll be working on over the course of this unit, what else do you need to know? What additional questions do you have?