CHOICE BOARD

Circle the two questions below that you want to answer. Number and write your response on the back. Give at least two complete sentences for each response.

Prompt #1 Why did the filmmakers need such a large space (7 miles) to build their scale model of the solar system? What does this tell you about the distances between planets compared to their sizes?	**Prompt #2** In the video, the Earth was represented by a marble. How did this help you understand the scale of the planets and their orbits?	**Prompt #3** Why is it difficult to find an accurate picture of the solar system to scale? What happens to the planets if you try to draw all the orbits to scale on a piece of paper?
Prompt #4 Only 24 people in history have seen the whole Earth as a sphere with their own eyes. How do you think seeing Earth from space might change someone's perspective?	**Prompt #5** At the end, the narrator says, "We are on a marble, floating in the middle of nothing." How does this make you feel about our place in the universe?	**Prompt #6** What did you learn about the differences between the inner and outer planets from the model they built?
Prompt #7 Why do you think it is important to understand the real scale of the solar system instead of just memorizing planet names and order?	**Prompt #8** What was the most surprising or interesting thing you learned from the video?	**Prompt #9** Did the video change the way you think about the solar system or our planet? Why or why not?