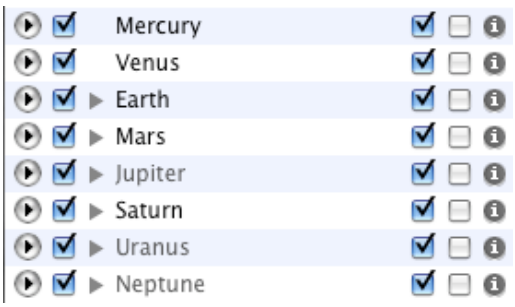
Exercise 15: Positioning Planet Orbits

In this exercise you will create a bird's eye view of the solar system and and orient the orbits of the planets using the location scroller.

Instructions:

1. Press the **Home** button.
2. Click on the Sun's context pop up menu button in the **Find** pane.

3. Select **Go There** from the menu.
4. In the Find Pane, check the label and orbit boxes for each of the eight planets in the solar system.



5. Press the **Increase Elevation** button until you are 55 au from Earth. At this distance you are viewing all the planets of the solar system.
6. Select the **Location Scroller** tool from the Cursor Tool control in the Toolbar.
7. Click and drag around the preview screen to scroll around and orient the planet orbits.
8. Save your work as a Favourite File.

Question: What is interesting about the orbits of the eight planets of our solar system?

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On your own time challenge: Use the Find pane to label the dwarf planet Pluto and turn on its orbit. Compare Pluto's orbit with the eight planets of the solar system. Give one reason why Pluto status was changed from planet to dwarf planet.

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