

A decorative border surrounds the page, featuring various celestial bodies including the Sun, planets like Saturn, Jupiter, Mars, Venus, Earth, and Mercury, and stars. The border is set against a dark blue background.

Solar System to Scale Planet Spacing Activity

Problem – When we see a model of our solar system, we usually see the planets spaced approximately equally apart. Are the planets really spaced equally apart? Complete this activity and find out!

Directions:

1. Cut a piece of paper approximately one meter in length from the roll of paper.
2. Write the word **Sun** at one end of the paper strip, and the word **Pluto/Dwarf Planet** at the other end of the paper strip.
3. Fold the paper in half. On the crease, write **Uranus**.
4. Fold from Pluto to Uranus. On the crease, write **Neptune**.
5. Fold from the Sun to Uranus. On the crease, write **Saturn**.
6. Fold from the Sun to Saturn. On the crease, write **Jupiter**.
7. Fold from the Sun to Jupiter. On the crease, write **Asteroid Belt**.
8. Fold from the Sun to the Asteroid Belt. On the crease, write **Mars**.
9. Fold from the Sun to Mars. On the crease, write **Venus**.
10. Write **Mercury** between the Sun and Venus.
11. What planet is left? Write **Earth** between Venus and Mars.

Look at your paper strip and you will see the approximate spacing of the planets in our solar system!

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