



# PAMA @ Home Virtual Family Fun Activity Solar System

Bring art, culture and historical exploration home with a variety of easy fun filled activities for all ages. Using simple materials, PAMA is happy to provide easy step-by-step instructions for art activities, games or fun things to do while at home.

Share your creations with us on Facebook, Twitter or Instagram and tag us @visitPAMA. All tagged submissions will be entered in a draw to win some PAMA swag.

# Solar System

Get out and into the universe as you explore the planets and create your own mini-solar system.



## Materials:

- Cardstock
- Pencil
- String
- Scissors
- Pencil Crayons
- Glue Stick
- Paper Split Pin

This activity is provided to you by:

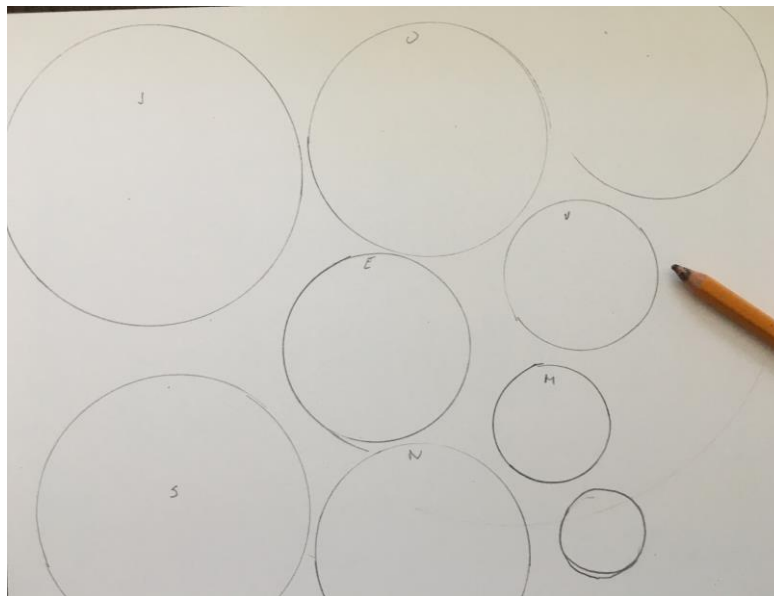
### Step 1:

Use your string and pencil to draw a large circle filling one whole sheet of paper. To do this, hold the string at the centre of your paper and with your pencil at an end, use the tension to get a perfect circle shape.



### Step 2:

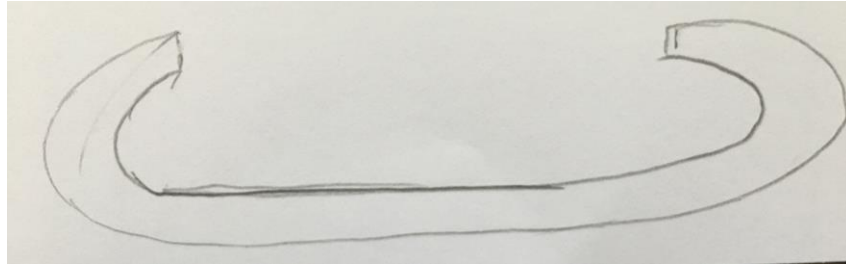
Using the same method, draw 8 smaller circles starting at approx. 9 cm in diameter and getting progressively smaller. Lightly label each circle with the name of the planet. In order from largest to smallest, your circles should be labelled: Jupiter, Saturn, Uranus, Neptune, Earth, Venus, Mars and Mercury.



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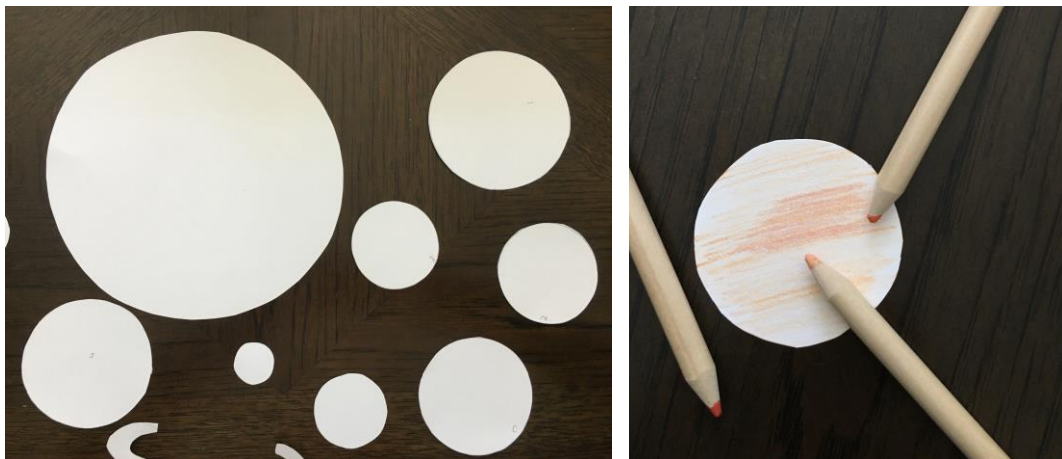
**Step 3:**

Draw a narrow “C” shape the width of your second largest circle to make the rings of Saturn.



**Step 4:**

Once all your shapes are drawn, use scissors to cut them out and pencil crayons to decorate them. Use the reference links at the end of this document to see what the planets look like and to learn about them as you go.



This activity is provided to you by:

**Step 5:**

Once all your planets are coloured-in, use a glue stick to attach your rings to Saturn.



**Step 6:**

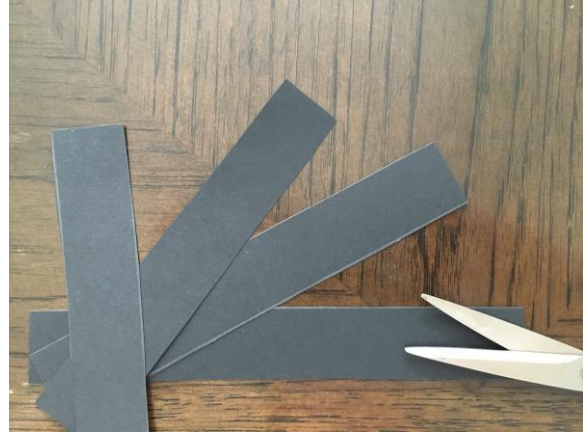
With a ruler, draw 8 strips horizontally on a piece lengthwise on a piece of cardstock.



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### Step 7:

Use scissors to cut out each strip. Trim each piece so the lengths vary (i.e. 13 cm, 15 cm, 17 cm etc.)



### Step 8:

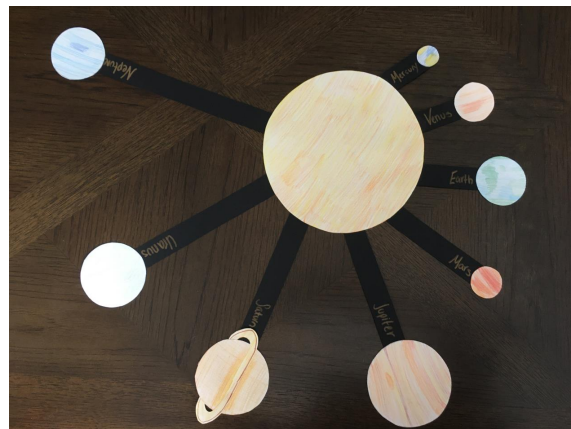
With your glue stick, attach each planet to the end of each strip of cardstock. In order of closest to the sun to farthest: Mercury should be on your shortest strip followed by Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Write the name of each planet on the strip as you go.



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### Step 9:

Once all your planets are glued on and labelled, poke a split pin through the end and attach each together then through the centre of your Sun. If you do not have a split pin, use a glue stick to attach your planets around the Sun and complete your Solar System.



### Exploring the Solar System & Planets Resources:

- <https://solarsystem.nasa.gov/planets/overview/>
- <https://www.planetsforkids.org/>
- <https://www.youtube.com/watch?v=w36yxLgwUOc>

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