

Saskatchewan Parks Classroom Resources

Activity Summary:

Activity Name: _____

Curriculum
Outcomes: _____



#SaskParks

Park Watch: 1-800-667-1788

saskparks.com



Information for Teachers

A Note from SaskParks, to You:

These resources were created by SaskParks' Visitor Experience team to bring joy of nature exploration to your classroom. We hope that your class is able to enjoy the outdoor experience that our parks have to offer by utilizing these activities designed to inspire learning!

How to Print This Activity:

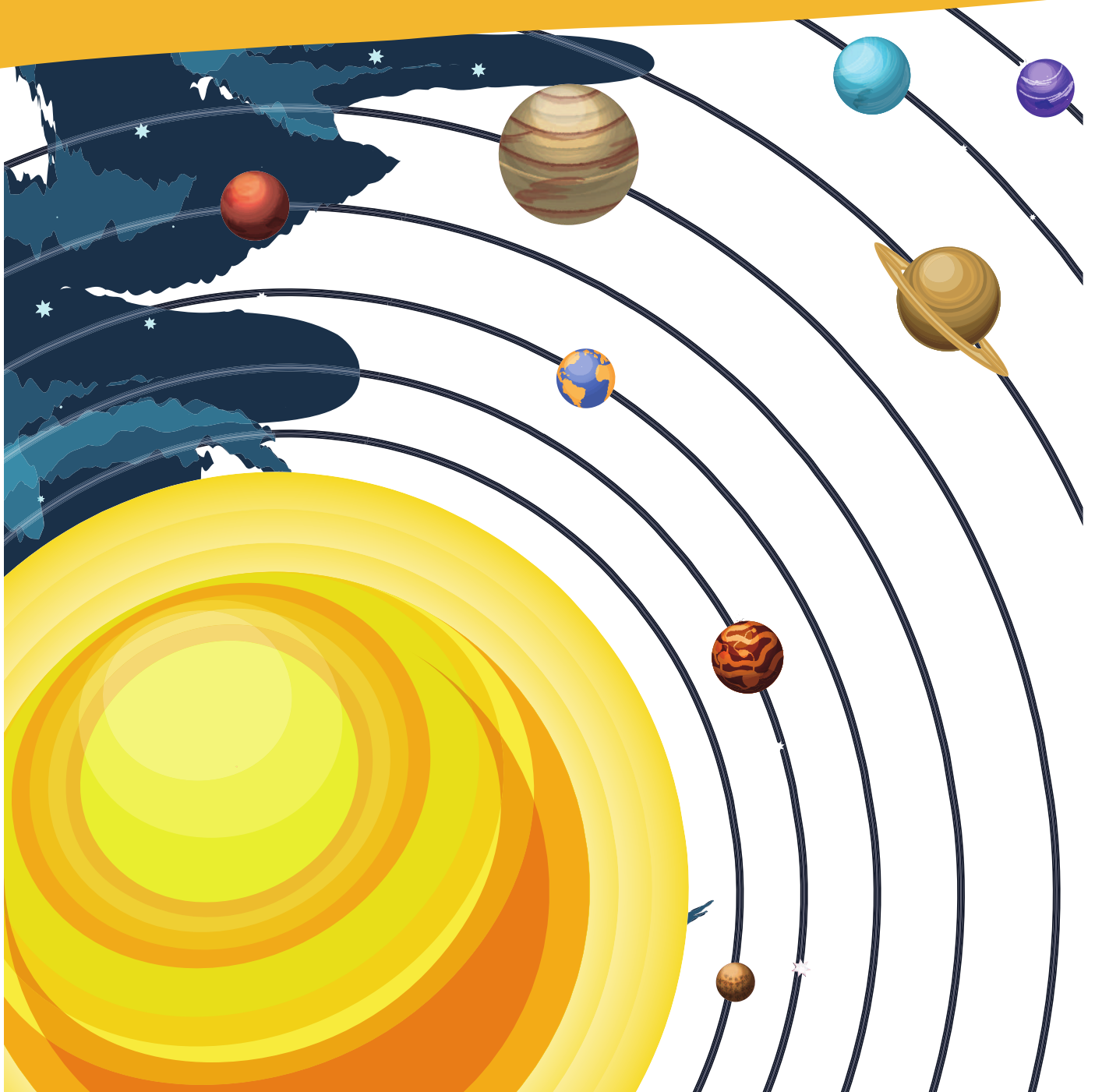
1. Open this file in Adobe Acrobat
2. Select "Print"
3. Select the number of copies you want to print
4. Under "Pages to Print" select "Pages" and in the space to the right, type in your preferred activity pages.
5. Select "Print" in the bottom right hand corner

Additionally, if you wish to print this as a smaller booklet, follow steps 1 - 4 above, and then:

1. Under "Page Sizing & Handling," select "Booklet"
2. Select "Print" in the bottom right hand corner
3. Once printed, fold the booklet down the middle of the page. No staples required!

It is recommended you print one copy to start to ensure it prints correctly.

Discover Our Solar System!



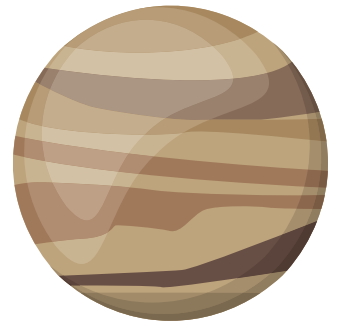
Our Solar System



Sun



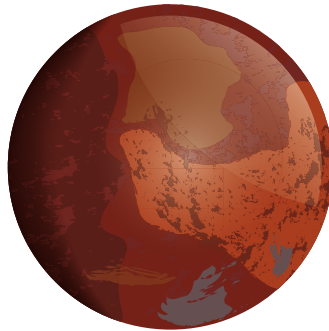
Mercury



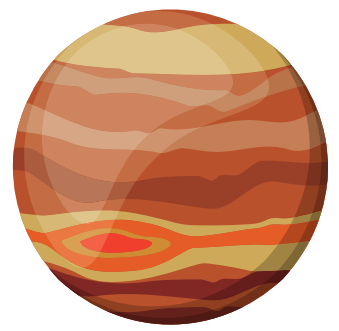
Venus



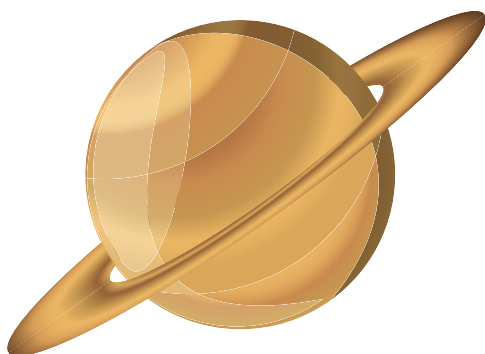
Earth



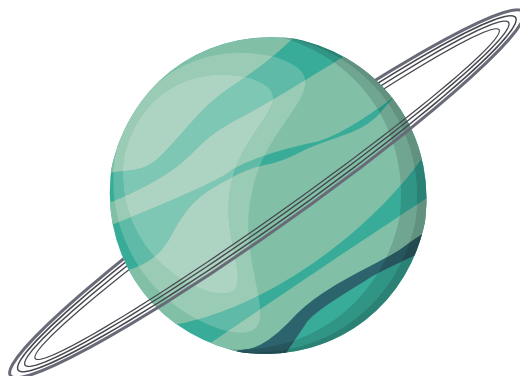
Mars



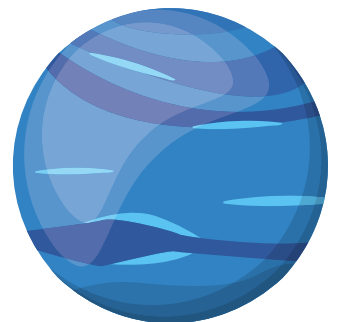
Jupiter



Saturn

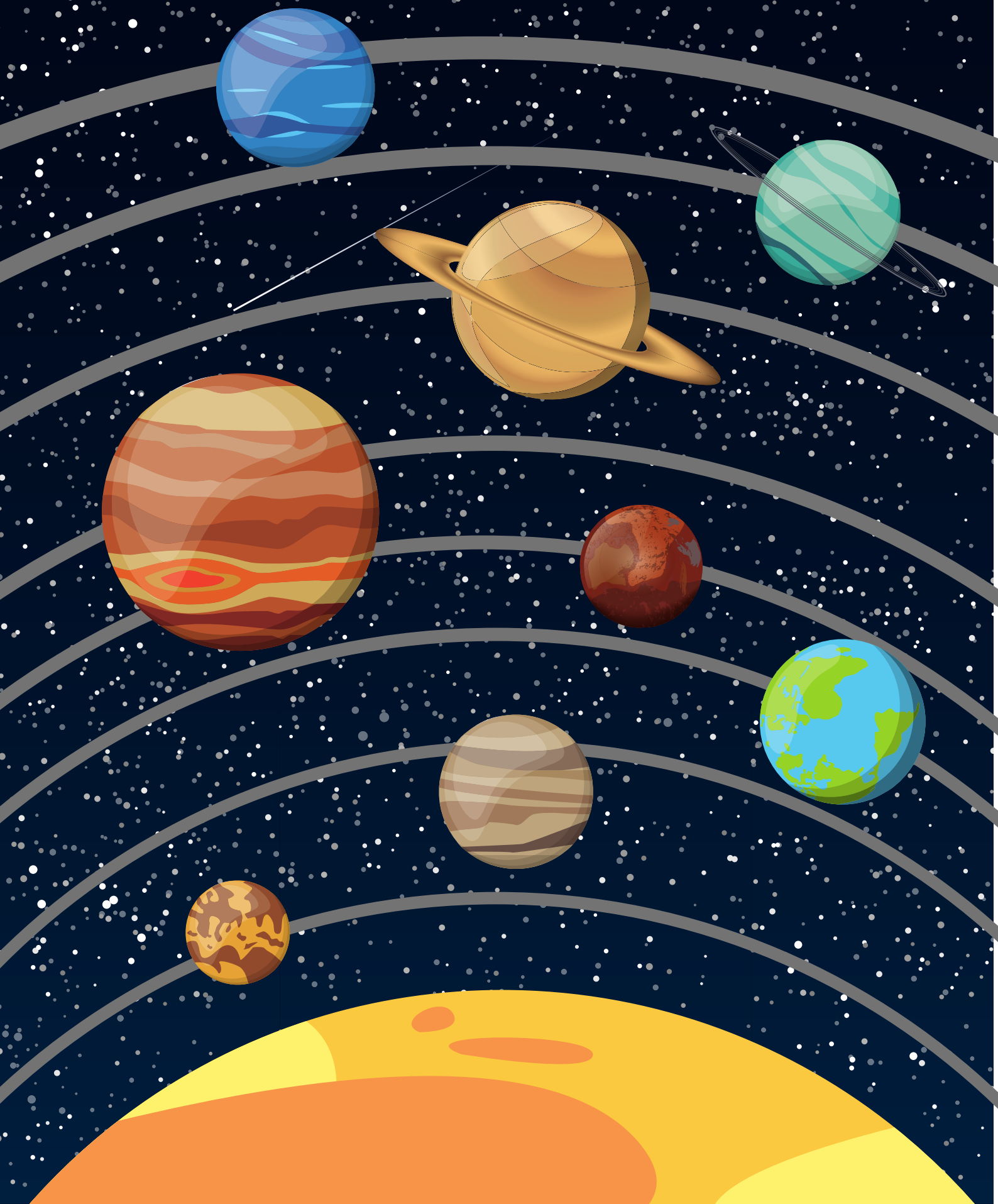


Uranus



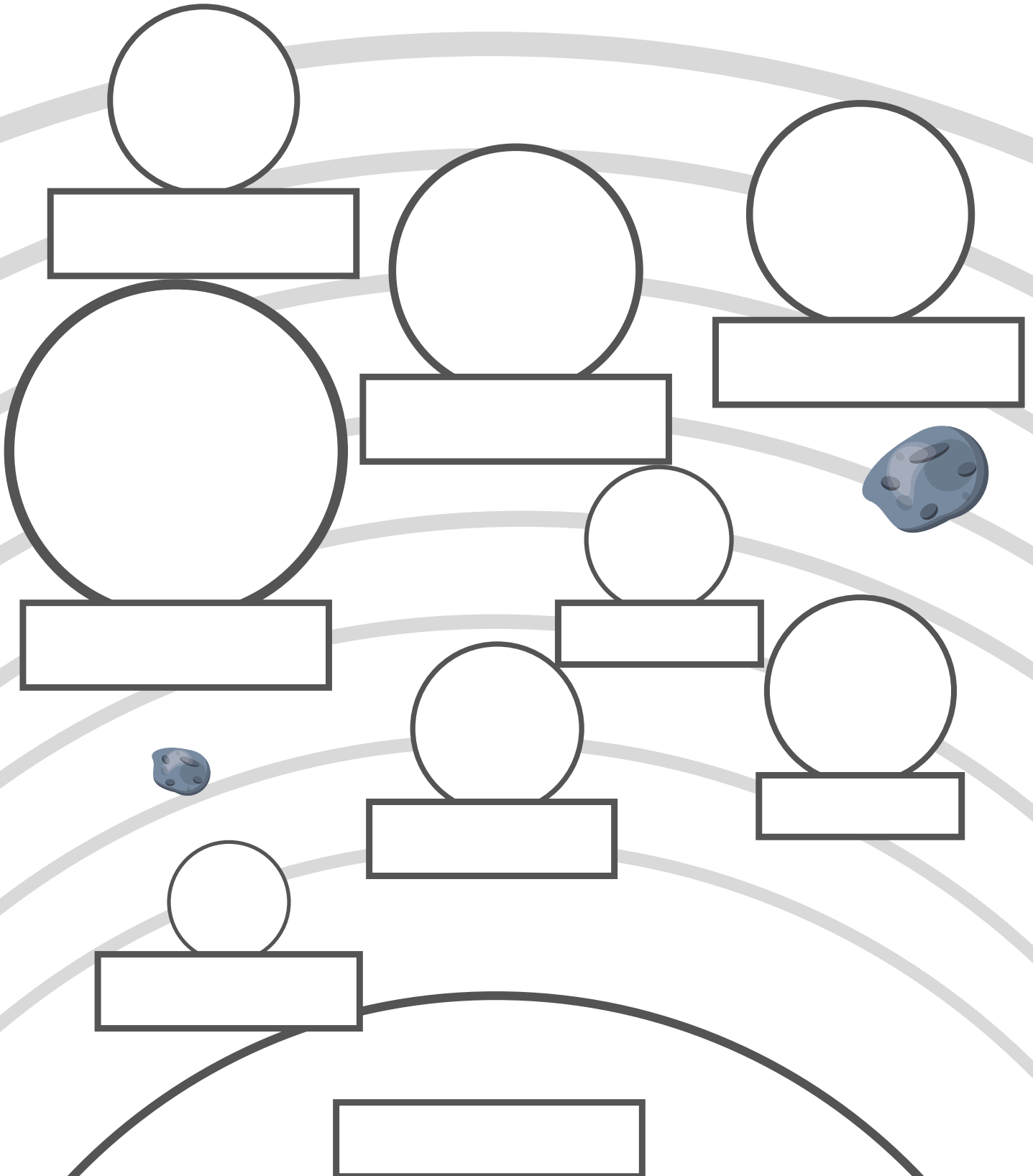
Neptune

Our Solar System

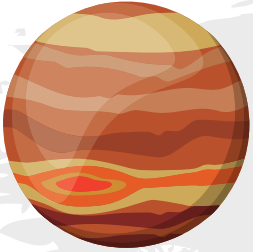


Our Solar System

Label and colour the sun and planets in their proper orbit!



Parts Of the Solar System



A planet is a large natural object that orbits around a star!



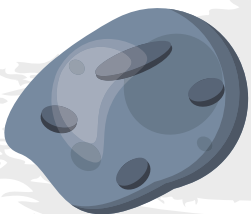
A moon is a natural satellite that orbits around a planet or asteroid!



Stars are large, bright glowing balls of gas. The sun is the only star in our solar system!



The sun is the large star at the centre of our solar system.



Asteroids are small pieces of rock that orbit around the sun.

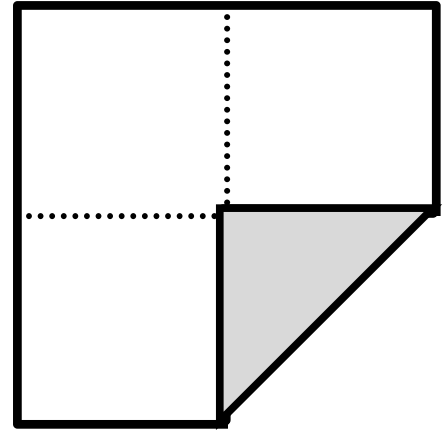


Comets are small icy bodies that orbit the sun. When they travel near the sun they burn and the light can be seen from earth!

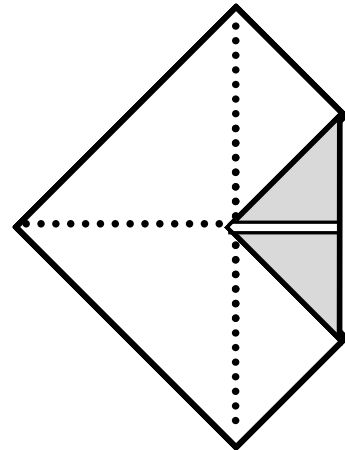
Solar System Fortune Teller

Folding Instructions:

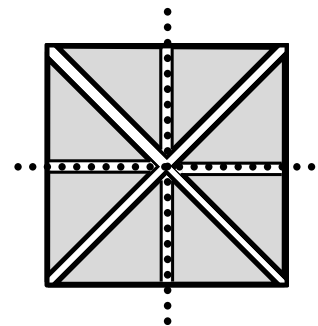
- 1 Cut the template out, then with the image side facing down, fold in each of the corners.



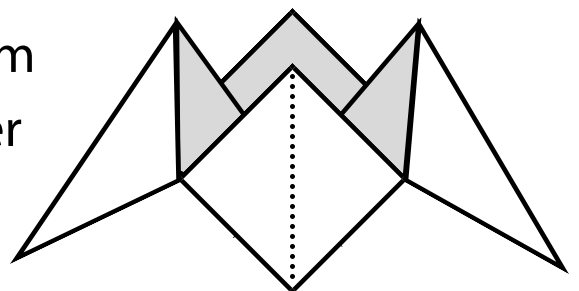
- 2 Without unfolding the first corners, flip it over and fold in the new corners.



- 3 Create horizontal and vertical creases down the middle.



- 4 Put your fingers under the bottom four open flaps and fold the outer corners upwards.



Solar System Fortune Teller

Template:



Solar System Fortune Teller

How to use it:

1 Starting with all four corners closed, one of the four shown objects is chosen. The number of letters in the objects name is the number of moves the fortune teller will make.

To move the fortune teller: Pinch one side of each of the corners together while keeping the other sides separate, then, switch so that opposite sides are together and the other sides are separate.

2

3 After the fortune teller has been moved the number of times as the letters in the chosen object's name, choose one of the shown numbers. The chosen number is the number of moves the fortune teller will make next.

Now, choose another number but this time open the flap of that number to see which planet is hiding underneath. Find the info card for that planet and use it to discover facts, teach a peer, or quiz yourself on that planet!

4

Mercury



Location: Closest planet to the sun

Size: 4879. kilometers in diameter

Orbit: 88 days around the sun

Day Length: 1,408 hours

Temperature: -170 - 449 Celcius

Fun Fact: The smallest planet with the most craters!

Venus



Location: Second planet to the sun

Size: 12,104. kilometers in diameter

Orbit: 225 days around the sun

Day Length: 2802 hours

Temperature: 465 Celcius

Fun Fact: The warmest planet!

Earth



Location: Third planet to the sun

Size: 12,742 kilometers in diameter

Orbit: 365 days around the sun

Day Length: 24 hours

Temperature: -89 - 58 Celcius

Fun Fact: The only planet with known life!

Mars



Location: Fourth planet to the sun

Size: 6779 kilometers in diameter

Orbit: 687 days around the sun

Day Length: 24 hours

Temperature: -125 - 20 Celcius

Fun Fact: Has a volcano taller than any other planet's volcanoes!

Jupiter



Location: Fifth planet to the sun

Size: 139,820 kilometers in diameter

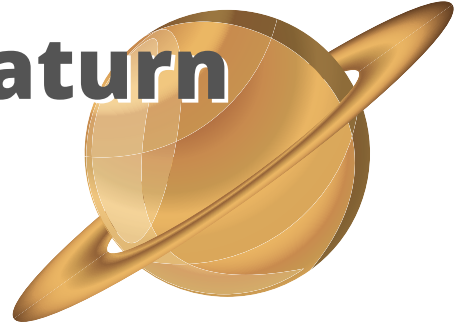
Orbit: 12 years around the sun

Day Length: 10 hours

Temperature: -153 Celcius

Fun Fact: The largest planet with the worst storms imaginable!

Saturn



Location: Sixth planet to the sun

Size: 116,460 kilometers in diameter

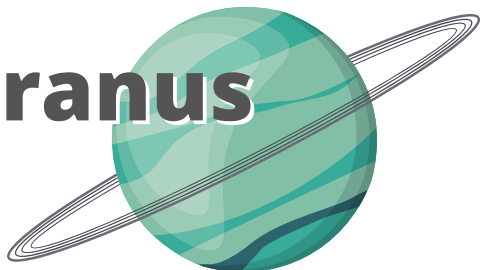
Orbit: 29 years around the sun

Day Length: 11 hours

Temperature: -184 Celcius

Fun Fact: Saturn has rings made up of orbiting rocks, dust and ice! Other planets have rings but Saturn's are the biggest.

Uranus



Location: Seventh planet to the sun

Size: 50,724 kilometers in diameter

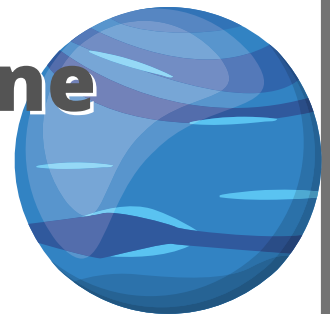
Orbit: 84 years around the sun

Day Length: 17 hours

Temperature: -184 Celcius

Fun Fact: Uranus can reach the coldest temperatures out of all the planets!

Neptune



Location: Eighth planet to the sun

Size: 49,244 kilometers in diameter

Orbit: 165 days around the sun

Day Length: 16 hours

Temperature: -223 Celcius

Fun Fact: The furthest planet from the sun, and also the windiest!

Sun



Location: Center of our solar system

Size: 1,392,700 kilometers in diameter

Orbit: 230 million years around the Milky Way

Day Length: 24.5 - 35 hours

Temperature: 5504.85 Celcius

Fun Fact: Only star in our solar system!

Moon



Location: 384,400 km from Earth

Size: 3,474.2 kilometers in diameter

Orbit: 27 days around the Earth

Day Length: 708 hours

Temperature: -173 -127 Celcius

Fun Fact: While Earth has one moon, some planets have several or none at all.

Stars



Location: Throughout the universe. The sun is the only star in our solar system.

Size: Neutrons: 12 - 40 km in diameter
Supergiants: over 1500 times the sun

Orbit: 230 million years around the Milky Way

Day Length: Varies on the star

Temperature: Up to 55538 Celcius

Fun Fact: There are 200-400 billion stars in our galaxy alone.

Asteroid



Location: Throughout the galaxy

Size: 10 meters - 530 kilometers in diameter

Orbit: Varies on the asteroid

Day Length: Varies on the asteroid

Temperature: -73 Celcius

Fun Fact: Spacecrafts have touched down on asteroids!

