

# PLANET PERSONALITIES

Now you're starting to explore the solar system, let's get to know the planets a bit better.

I'm going to give you some facts about each planet, and I want you to create a character for each. Let's start with an example:

## MERCURY

Mercury is the smallest planet in the solar system, and closest to the sun. It doesn't have an atmosphere or any moons to keep it company, and has a rocky surface. Time moves slowly there; 59 earth days pass in 1 mercury day!

I think this might make Mercury a bit shy and nervous; it doesn't have a lot of friends and is overshadowed by how bright the sun shines!

See how different you can make each character - how do they walk, talk and treat others?

## VENUS

Venus is the hottest planet in the solar system - It's so hot because of its thick atmosphere, trapping heat like a greenhouse. It also has a very active surface with lots of volcanoes!

## EARTH

You know this one best of all! Earth is the only planet in the solar system that can be lived on. 70% of its surface area is water, and it has 1 moon to hang out with.

## MARS

Mars is a red, cold, desert. It is the planet we have visited the most with rovers and probes and has two best mates in the form of Phobos and Deimos it's moons!

## JUPITER

Jupiter is the biggest planet in the whole solar system! It is a gas giant with a very thick atmosphere and a whopping 79 moons!

## SATURN

Saturn has 7 rings always moving around it, and is a gas giant just like Jupiter. A day on Jupiter is only 10.7 earth hours long!

## URANUS

Uranus is made of water, methane, and ammonia fluids above a small rocky center. It's an ice giant, and unlike the rest of the planets, Uranus rotates on its side!

## NEPTUNE

Neptune is dark, cold, and very windy. It's the last of the planets in our solar system. It's more than 30 times as far from the sun as Earth is.

Introduce us to all your new space mates over on our gallery! We'd love to meet

them.