

# COMPONENTS OF SOLAR SYSTEM

## Moon



### **The Moon: Our Shiny Night Light**

Imagine looking up at the sky at night and seeing a big, bright circle. That's the Moon! It's like a giant flashlight that lights up the night sky. Here are some cool facts about the Moon:

#### **1. Earth's Best Friend:**

The Moon is Earth's only natural satellite. This means it travels around Earth just like Earth travels around the Sun.

#### **2. Not a Planet, but Still Super Cool:**

Even though it's not as big as a planet, the Moon is very special. It's round like a ball and made of rock.

#### **3. Changing Shapes:**

Have you ever noticed that the Moon looks different on different nights? Sometimes it's a big, full circle (Full Moon), and other times it's just a tiny sliver (Crescent Moon). These shapes are called phases.

#### **4. Moonwalkers:**

People have actually visited the Moon! Astronauts from Earth flew in rockets to the Moon and walked on its surface. They even left footprints that are still there because there's no wind to blow them away.

#### **5. Crater Covered:**

The Moon's surface is covered in craters. These are holes made by space rocks hitting it. Since there's no weather on the Moon, these craters stay there forever.

#### **6. No Air and Water:**

The Moon doesn't have air to breathe or water to drink. That's why astronauts wear special suits when they visit.

#### **7. Tides on Earth:**

The Moon helps create tides in the oceans. Its gravity pulls on Earth's water, making the tides go in and out.