

## What is Gravity?

Gravity is a force that pulls objects toward each other. It's what keeps us on the ground, makes apples fall from trees, and keeps the Moon moving around the Earth.

## How Does It Work?

Everything that has mass (which means it takes up space and has weight) has gravity. The bigger the object, the stronger its pull. For example, the Earth is very big, so it has strong gravity. That's why we feel pulled down towards it!

## Fun Examples of Gravity

- **Jumping:** When you jump, you go up in the air, but gravity pulls you back down.
- **Waterfalls:** When water goes over a waterfall, gravity pulls it down to the ground.
- **Planets and Stars:** The gravity of the Sun keeps the Earth and other planets in orbit around it.

## Why Is Gravity Important?

Without gravity, everything would float away into space! It helps us walk, drink water, and even keep our atmosphere so we can breathe.

## Interesting Fact!

Did you know that gravity is different on other planets? For example, Jupiter is much bigger than Earth, so its gravity is much stronger. If you weighed 100 pounds on Earth, you would weigh about 240 pounds on Jupiter!

## Conclusion

Gravity is a vital force in our universe, making sure everything stays in place, from us standing on the ground to the planets moving around the Sun. Isn't that cool?