Hey, space lovers! Did you know these amazing facts about space and astronomy? Let's find out!

Fact #1: The Sun is losing weight every second! That's because it sends out a stream of particles called the solar wind that carries away some of its mass. The Sun loses about one billion kilograms of matter every second. That's like losing 100 elephants every second! (Show an image of the Sun and the solar wind)

Fact #2: The Moon is drifting away from us! That's because the Earth's gravity pulls on the Moon and makes it bulge. This bulge acts like a brake and slows down the Moon's rotation. As a result, the Moon moves farther away from the Earth by about 3.8 centimeters every year. That's like the width of a smartphone! (Show an image of the Earth and the Moon)

Fact #3: Venus is spinning backwards! That's because it's the only planet that rotates clockwise, while all the other planets rotate counter-clockwise. Scientists think this might be because Venus was hit by a large object that flipped its spin. Venus also has the longest day of any planet, taking 243 Earth days to complete one rotation. (Show an image of Venus and its rotation)