

What can we see in the Night Sky?

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By studying stars, planets, and other objects in the sky, you will learn where the Earth is located in the universe. The universe is everything that exists

Our solar system consists of the sun and all of the objects that travel around it, including the nine planets and the moons that travel around some of the planets. On a clear night, you can easily see our moon, many stars, and possibly one of the other planets . . . depending on their location.

Everything in our solar system is much, much closer than any other object visible in the night sky.

Our sun is a luminous object, meaning that it gives off its own light. Planets and moons are non-luminous, this means that they are not a source of light. We are able to see these objects in the sky because they reflect light from the sun.

Comparing planets and stars

Feature	Planet	Star
location		
Distance from the Earth		
Real size		
Reason why we see the object		
Surface temperature		
What is the object made of		
Observable feature		
Long-term observable feature		