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# Starlight

Stars fill the night sky with twinkling light. They make the night come alive!

Billions and billions of stars move through space. They are far, far away from us. We see stars as tiny points of light.

But stars only look tiny because they're so far away. Really, they're huge balls of hot gas!

Far away in space, stars glow brightly. This starlight takes many years to reach our planet, Earth.



The Sun is a star in a galaxy called the Milky Way. From Earth, the Milky Way looks like a hazy white band across the night sky. A long time ago, people thought it looked like milk!

Milky Way

The universe is truly enormous. It is filled with billions of galaxies. Each of these galaxies is filled with billions of stars.



## Glossary

### **Astronomer**

A scientist who studies the planets, stars, and space

### **Constellation**

A group of stars that forms the pattern of a person, animal, or object in the sky

### **Dwarf star**

A star that is not as big or as bright as a giant star or a supergiant star

### **Galaxy**

A group of billions of stars moving together in space

### **Gas**

An air-like substance that has no fixed shape

### **Myth**

A very old story known by many people

### **Orbit**

To move around something in space

### **Solar system**

The Sun, and the objects in space that orbit around it, including Earth and the other planets

### **Supergiant star**

The largest and brightest type of star

### **Universe**

Everything that exists in space, including stars, planets, and galaxies

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