

The Sun - Educator's Guide (Ages 5-7)



Safety Warning: Never look directly at the Sun with unaided eyes or telescope.

At the end of these Night Sky activities students will understand:

- What the Sun is
- The Sun looks bigger and brighter than other stars because it is close to Earth
- The Sun is the source of all the Earth's light and heat

Astronomy background information

Stars are massive, luminous spheres of extremely hot gas. A star shines because nuclear energy is generated deep in its core. This energy escapes as heat and light which shines into space.

The Sun is a star like the thousands of stars in the night sky. The Sun is much closer to us than the other stars so it appears large and bright in the sky.

Sunlight is the primary source of energy to the surface of Earth so all life depends on the Sun.

Night Sky App Essential Settings

Go to Night Sky Settings  and make sure the following Preferences are set.

Turn On these Effects:

Environment Based Horizon
Day Time Effect

Turn Off these Effects:

Show Satellites
Real Sky Representation
Show Trajectories and Orbits
Show Glass Mythology
Show Constellation Lines

Accessible Learning:

- Text size can be increased in the Preferences section
- Star numbers can be reduced by sliding two fingers down the screen

