

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



At the end of these Night Sky activities students will:

- Understand what the Moon is
- Discover that the Moon has no living plants or creatures
- Learn what the Moon is made of
- Understand astronauts from Earth have visited the Moon
- Use their creativity, imagination and drawing skills

Astronomy background information

Use Night Sky to show the students the Moon in the sky, tap on it to show the 3D model. By rotating the 3D model you can show the Moon's features showing it has a surface covered with craters. The craters are named for astronomers, geographers and explorers. Tapping on a feature on the Moon highlights it and displays its name.

The Moon orbits around the Earth. It is only about a quarter of the Earth's diameter. The Moon is made of rock similar to igneous rocks. The Moon has no atmosphere so it is barren and lifeless.

The Moon is about 239,000 miles (384,000 km from Earth). Twelve NASA astronauts walked on the Moon between 1969 and 1972. The Apollo spacecraft took about three days to travel to the Moon. NASA plans to start sending astronauts to the Moon again, starting in 2025.

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

