

**Curriculum Unit
Title**

The Moon and The Moon Phases

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KEY LEARNING, ENDURING UNDERSTANDING, ETC.

The students will learn that: (1) how the moon was created billions of years ago and how the moon cooled, (2) what are the different moon phases, what does waxing, waning, gibbous, crescent, and quarter mean, (3) people visiting the moon, and (4) could there be life or could there ever be life on the moon.

ESSENTIAL QUESTION(S) for the UNIT

How was the moon created?
What are the different phases of the moon?
Who are some of the astronauts who walked on the moon?
Will there ever be life on the moon?

CONCEPT A

Moon creation

CONCEPT B

Moon phases

CONCEPT C

Astronauts Visiting the Moon

ESSENTIAL QUESTIONS A

How was the moon created?

ESSENTIAL QUESTIONS B

What are the different phases of the moon?

ESSENTIAL QUESTIONS C

Who are some of the astronauts who walked on the moon?

VOCABULARY A

Earth, Moon, Craters, Maria, Highlands, dark circles, and bright circles

VOCABULARY B

Waxing, waning, gibbous, crescent, first quarter, full moon, and third quarter

VOCABULARY C

Moon walk, astronaut, Apollo, mission, Lunar module, and rover

ADDITIONAL INFORMATION/MATERIAL/TEXT/FILM/RESOURCES

Video on how the moon was formed, Moon Phases vocabulary words foldable, Moon Phases Rap Video, Oreo Cookies for Moon Phase Activity, Moon Phase Oreo Paper, Moon landing video, My Moon Booklet Level reader, Moon Phases Level Reader, Read Works – Men Who Walked on The Moon, Mission Patch Paper, and Lamp, Foam Balls and Pencils – Moon Phase Activity