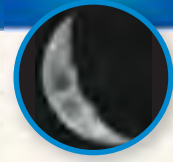


A large, glowing full moon is the central focus in the upper half of the image, set against a dark, starry night sky. Below the moon, the scene transitions to a body of water at night. A sailboat with two masts is visible on the left, and a long, shimmering trail of city lights reflects on the water's surface, extending from the bottom right towards the center. The overall color palette is dominated by deep blues, blacks, and the warm yellow of the moon and lights.

# OUR MOON



## Talk About It

What do you know about the moon?  
Does it always look the same?



Find out more about the moon at  
[www.macmillanmh.com](http://www.macmillanmh.com)

# Discover the Moon

## Vocabulary

discovered  
visible  
lunar  
spacecraft  
surface  
footprint



## Word Parts

A **compound word** is a word that is made up of two smaller words.

foot + print =  
*footprint*

Scientists have **discovered** many things about the moon. They have learned about it by observing and by visiting the moon.

Scientists know that the moon does not give off its own light. Its **visible** light, the light you can see from Earth, is from the sun shining on it.

Scientists have learned that the moon takes about 28 days to move around Earth. As the moon moves, only some of the moon's bright surface is visible from Earth. These changes in the way the moon looks are called **lunar**, or moon, phases.



This picture shows all the different phases of the moon.

In 1969 scientists learned a lot more about the moon when a **spacecraft** flew and landed there. The vehicle carried three astronauts. These people walked on the moon's rocky **surface**. With each step they took, they left a mark, or **footprint**, in the gray dust. The astronauts found out that the moon is made of mostly rock.

### Reread for Comprehension



#### Summarize

#### Classify and Categorize

When you summarize, you can classify and categorize the information that you read about. You put facts together that are alike in some way. Reread the selection and use the chart to classify and categorize facts about the moon and Earth.

Observing	Visiting