

# Studies Weekly<sup>TM</sup>

## Trailblazer

GRADE  
2



# Space

There are many objects in space. Stars and planets are in space. The sun and the moon are in space. Would you like to be an astronaut someday?

See Primary-Source  
Related Media...



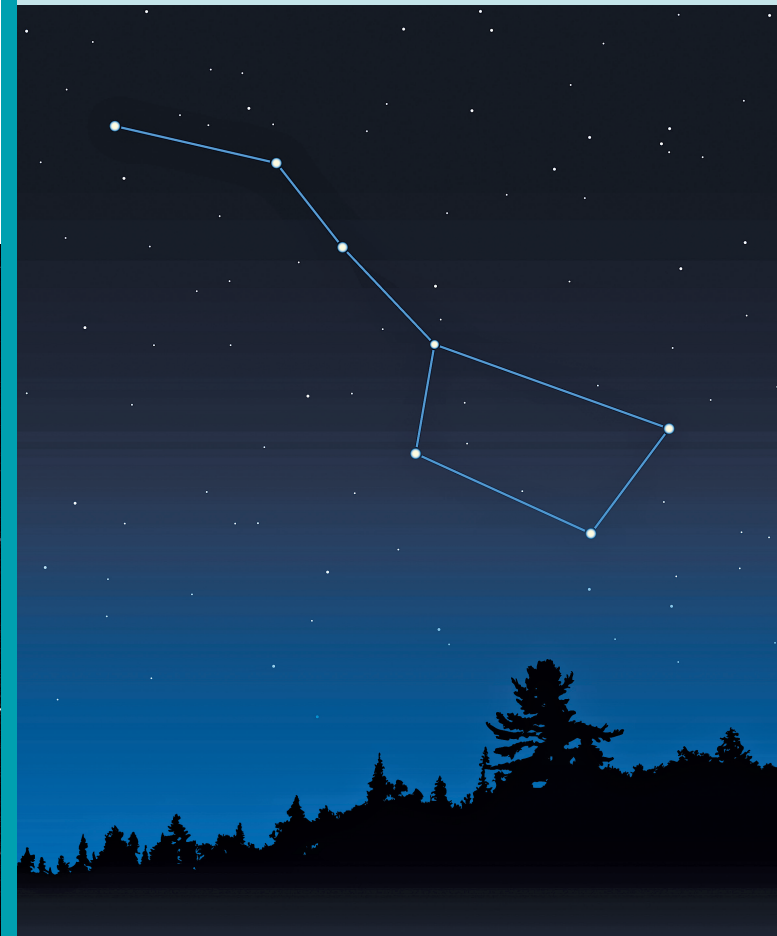
[www.s-w.co/S2-7](http://www.s-w.co/S2-7)



# Space

## Look & Learn

Look at this picture.  
The stars form a  
pattern.

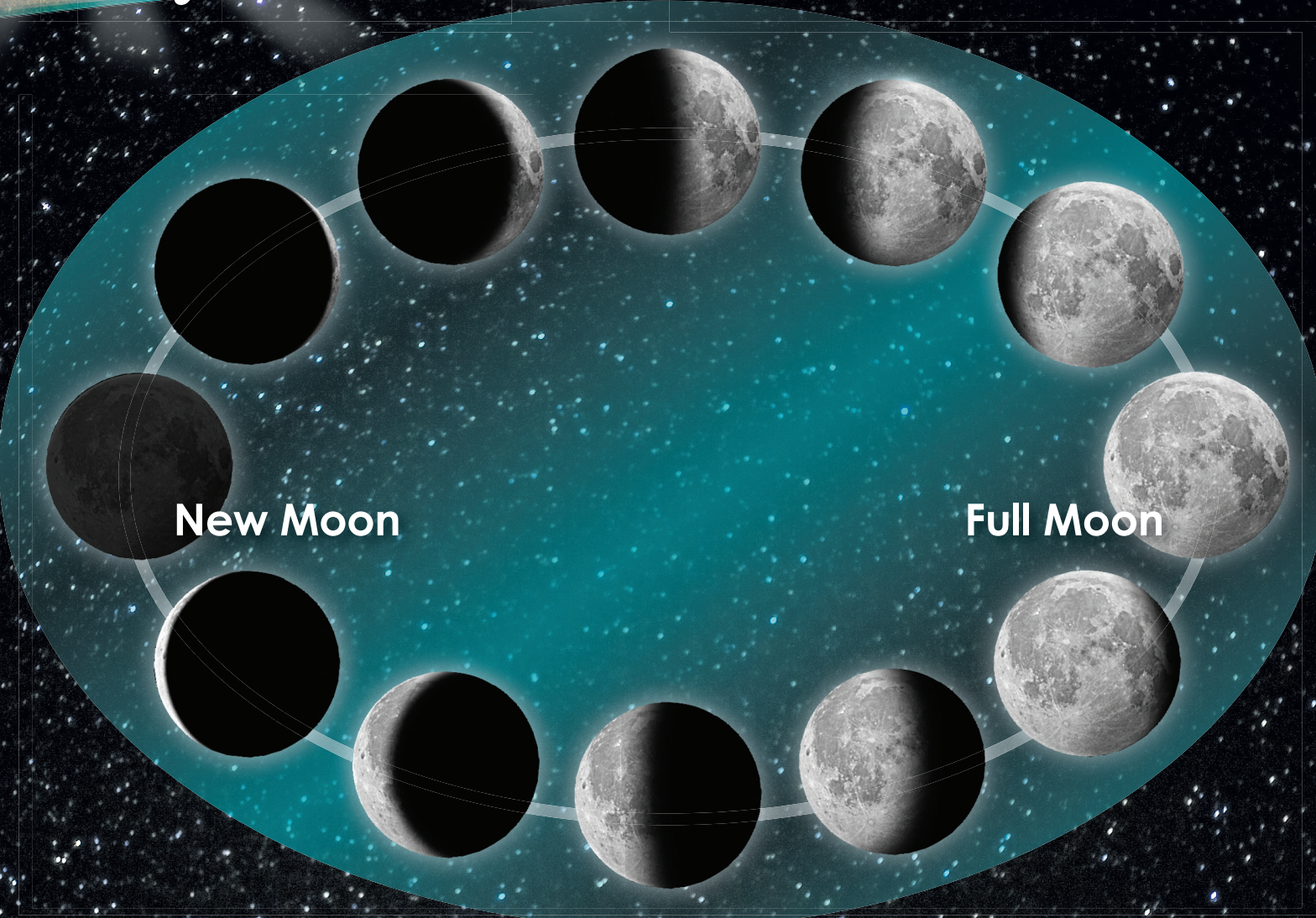


We call this pattern  
of stars the Big  
Dipper. A dipper is  
like a ladle.

Stars can be different  
colors. White or blue  
stars are the hottest and  
brightest. Yellow stars  
are not as hot. Our sun is  
a yellow star. Red stars  
are cooler than other  
stars.



Stars can be different  
sizes. Red stars are  
usually the largest stars.



The way the moon looks has a pattern. These  
pictures show the pattern. The pattern starts  
over every 28 days. When you can barely see  
the moon at all, it is a new moon. When the  
moon looks like a circle, it is a full moon. Can  
you find the half moons?

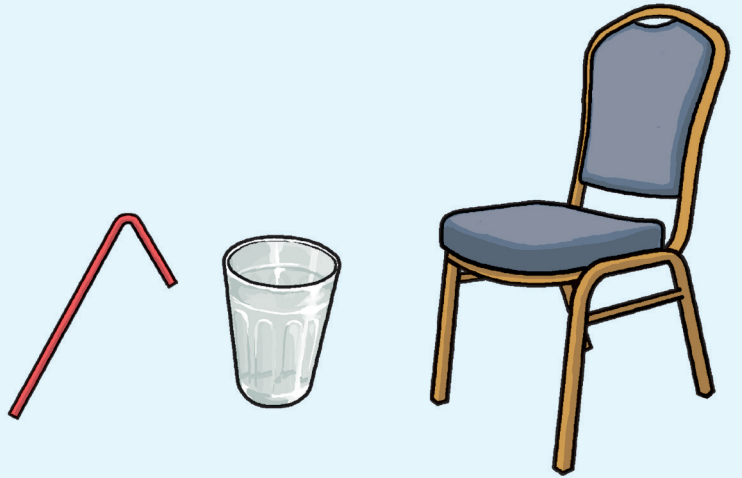


## An Upside-Down Drink

Gravity is what keeps things from flying into space. It keeps water in a glass, and it keeps you on Earth. There is no gravity in space.

### WHAT YOU NEED

- a glass of water
- a chair
- a bendable straw



### WHAT TO DO

1. Place the glass of water on the floor near the chair.
2. Lie across the chair on your stomach. Your head should be on the side where the water is. Ask a friend to hold the straw.
3. First, try to take a drink without using the straw.
4. Now try using the straw to take a drink.

**WHAT HAPPENS** - Gravity helps you eat and drink. It helps pull the food down toward your stomach. When you are lying across the chair, gravity is working against you. It is easier to use the straw.

## Fill in the blanks

1. \_\_\_\_\_ stars are usually the largest stars.
2. Our \_\_\_\_\_ is a yellow star.
3. \_\_\_\_\_ or \_\_\_\_\_ stars are very hot and bright.
4. The pattern of the \_\_\_\_\_ starts over every 28 days.

**Word Bank** • blue • moon  
• sun • Red • White