

# The light of the Moon



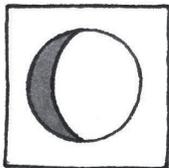
## Background knowledge

As the Moon travels around Earth, we see different amounts of the Moon lit up by the Sun. This is known as the *phases of the Moon*. When the Moon is lit up and is round, it is called a *full moon*. The amount of the Moon's sunlit side we see, gradually shrinks or wanes. When the Moon is not lit up by the Sun, it is called a *new moon*. During a new moon, you cannot see the Moon in the sky. After a new moon, the amount we can see of the sunlit side grows, or waxes, each night until it is a full moon again.

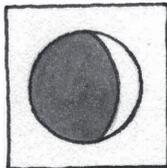
## Science activity

Draw a line from each of the phases below to show its correct position in the sequence from new moon to new moon. (A gibbous phase is when about three-quarters of the Moon is lit up.)

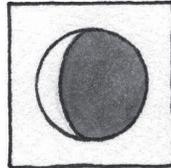
Gibbous waxing



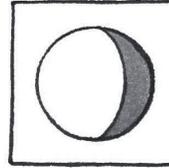
Crescent waxing



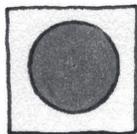
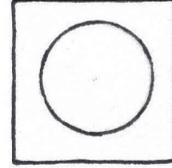
Crescent waning



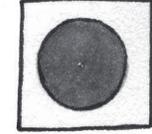
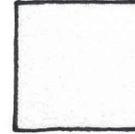
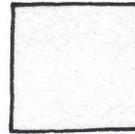
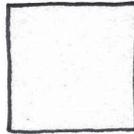
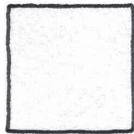
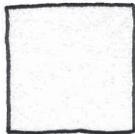
Gibbous waning



Full moon



New moon



New moon

## Science investigation

What does the Moon look like tonight?  
What phase is showing? Make your own chart to keep track of the Moon's phases over a month.



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## Background knowledge

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## Science activity

Draw a line from each of the phases below to show its correct position in the sequence from new moon to new moon. (A gibbous phase is when about three-quarters of the Moon is lit up.)

Gibbous waxing	Crescent waxing	Crescent waning	Gibbous waning	Full moon		
New moon						New moon

Hand-drawn lines connect the phases in the top row to their correct positions in the sequence in the bottom row. The connections are: Gibbous waxing to the 4th box, Crescent waxing to the 2nd box, Crescent waning to the 5th box, Gibbous waning to the 3rd box, and Full moon to the 6th box.

## Science investigation

The child learns that the Moon changes as it orbits Earth.

