

PHASES OF THE MOON WEBQUEST

The purpose of this WebQuest is to help you learn why we see phases of the Moon.

The Moon changes shape every day. Sometimes you can see only part of the Moon.

Other times, you can see the entire Moon. Why does this happen?



The First Task

Complete Number One on your worksheet. Draw and name eight important phases of the Moon. You will...

- Draw the eight Moon phases.
- Write the correct name of these phases.

Process

Watch these videos to help you.

[http://www.teachertube.com/viewVideo.php?
video_id=239940](http://www.teachertube.com/viewVideo.php?video_id=239940)

[http://www.teachertube.com/viewVideo.php?
video_id=241674](http://www.teachertube.com/viewVideo.php?video_id=241674)

Here are some websites to help:

[http://www.windows2universe.org/
the_universe/uts/moon3.html](http://www.windows2universe.org/the_universe/uts/moon3.html)

[http://www.harcourtschool.com/activity/
moon_phases/](http://www.harcourtschool.com/activity/moon_phases/)

[http://www.kidsastronomy.com/astrokymap/
lunar.htm](http://www.kidsastronomy.com/astrokymap/lunar.htm)

The Second Task -

Science has special terms. You need to know what these terms mean.

For Number Two, define the following terms: gibbous, waning, and waxing.

Get the definitions of the terms at this webpage.

<http://www.moon.com.co/info/glossary.shtml>

The Third Task -

For Number Three, draw your birthday Moon. What phase was it on the day you were born?

Find out and fill in the circle. (Make sure you change the year so it is the year you were born.)

Also, draw a picture of the phase of the Moon on your 2015 birthday.

Use this website. Select your birthdate.

<http://stardate.org/nightsky/moon>

The Fourth Task -

How does the Moon change during its cycle?

For Task Four, complete the Number Four worksheet. Record how the Moon changes each day. Complete the worksheet for the current moon phase cycle.(Begins September 24th)

Process:

Go the website below. Select the correct month and year.

<http://stardate.org/nightsky/moon>

Now that you can identify phases of the moon
let's find out more about why we have
the phases of the moon.

Click on the link below and complete the next
section of your packet.

THE MOON PHASES