

TIDES



*Tides happen every day.

*We have _____ tide
and _____ tide every
_____ hours.

*Tides happen because of
the _____'s pull on the
water and by the wind.

*High tide happens when
the _____ is over water.
Low tide happens when the
moon is over _____.

Study Guide for Cycles

Keep this to study for the test.

Cycles in Nature

Day



Seasons



Moon



Tides



Day Cycle

This cycle has two parts:
_____ and _____.

Each part is ____ hours
long making the total
cycle ____ hours long.

The Earth rotates from
west to _____ and
causes this cycle. However,
the **SUN** will rise in the east
and set in the _____.

When it is _____ in the
Western Hemisphere, it is
_____ in the Eastern
Hemisphere.

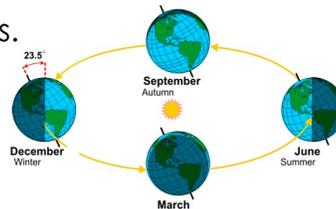
Seasons Cycle

This cycle has four parts: 
_____, summer, autumn,
and _____. Each part
lasts for about ____ months.
The whole cycle takes _____
days or one _____.

The tilt of the Earth's _____
as it revolves around the _____
causes this cycle.

At the equator, the Earth is
always _____ and does not
have four seasons. At the north
and south poles, _____
and _____ are very short.

The seasons are _____
in the Northern and Southern
hemispheres.



Moon Cycle

The moon cycle takes $29 \frac{1}{2}$ _____.
The moon is either _____ to a
full moon or _____ to the new
moon.

The _____ moon is the large round
shape in the night sky. A **new** _____ is
when **no moon** is seen in the night sky.
The cycle begins with the _____ moon.



Because the moon looks like it is
growing in the sky, we then have
_____ **crescent**, _____ **first**
quarter, _____ **gibbous**, and then
the **full** _____.

Next, the moon looks like it is getting
smaller in the sky. From the FULL MOON,
we have _____ **gibbous**,
_____ **third quarter**, _____
crescent, and back to the new moon.

The moon's _____ is just the
reflection of the sun's light.