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.

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 ½ ____________.
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.