

Earth, Moon & Sun Notes

Name _____

Class _____

Gravity -

Two things make gravity stronger:

1.

2.

Why can we see the moon from the earth? -

How long does it take for the moon to orbit the earth? -

So, how often is there a full moon? -

Why do we always see the same side of the moon? -

Moon Phases

Full -

New -

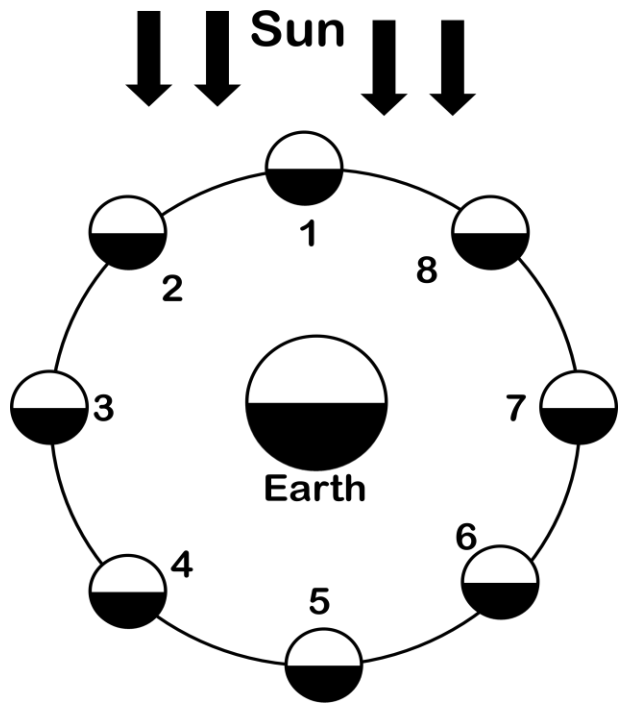
Waxing -

Waning -

Crescent -

Quarter -

Gibbous -



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

So the moon moves through two phases a week. In one month you go through all the phases.

Seasons

Why there are seasons -

Summer Solstice –

Winter Solstice –

Vernal Equinox –

Autumnal Equinox -

Eclipses

Solar eclipse -

Lunar eclipse -

Tides

Centrifugal force -

Tides -

Spring tides -

Neap tides -