Earth-Moon-Sun Relationships Test Study Guide

Vocabulary to Know:

* Axis
* Equinox
* Full moon
* Moon (lunar) phases
* Neap tides
* New moon
* Orbit
* Revolution
* Rotation
* Seasons
* Solstice
* Solar eclipse
* Spring tides
* Tides
* Waning
* Waxing

Concepts to Know:

* What causes the Earth to orbit the sun?
* How many times will Earth rotate on its axis during one revolution around the sun?
* Why does the Earth have day and night?
* Why does Earth have seasons?
* Which season has the most hours of sunlight in the Northern Hemisphere?

Which season has the least number of hours of sunlight in the Northern Hemisphere?

* What is true about the seasons that occur at the same time in each hemisphere?
* How long does it take the moon to rotate on its axis?
* How are the Earth and the moon similar?
* What causes the moon (lunar) phases?
* How are the sun, moon and Earth arranged during each moon (lunar) phase?
* What is the correct order of the moon (lunar) phases in one lunar cycle?
* What does each moon (lunar) phase look like? Draw these phases.
* How are the moon, sun and Earth arranged during a solar eclipse? What moon (lunar) phase is this?
* Why are there tides on Earth?
* How many high and low tides occur each day?
* How are the sun, moon and Earth arranged during spring tides?
* How are the sun, moon and Earth arranged during neap tides?
* During what moon (lunar) phases do spring tides occur?
* During what moon (lunar) phases do neap tides occur?