Study Guide:

Earth, Sun, Moon System Ch. 23 p. 666-670, Ch. 18 p. 527-530

What should I study for this test?

* Diagram of Lunar Phases p. 668
* Diagram of Solar and Lunar Eclipses p. 669-670
* Diagram of High, Low, Spring and Neap Tides p. 529-530
* Isaac Newton’s Universal Law of Gravitation article
* Notes

What will definitely be on this test?

* Lunar phases and related description; view from Earth and God’s view
* Period of moon’s revolution: approximately 30 days (monthly cycle)
* Direction of moon’s revolution
* Position of Earth, moon and sun during solar and lunar eclipses
* Phases of the moon during which each type of eclipse can occur
* Difference between a total/ partial eclipse (relate to umbra/penumbra)
* Reason total eclipses are rare events
* Position of Earth and moon for high and low tides
* Position of Earth, moon and sun for neap and spring tides
* Phases of the moon during which neap and spring tides occur
* Number of times a typical area experiences high, low, neap, spring tides and reason for this cycle

Test date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_