

Study Guide
Chapter 17
Science

For the Test Know:

I) All the Vocabulary words and their meaning

Solar system

Revolution

Axis

Rotation

Space probe

Comet

Asteroid

Satellite

Moon Phase

II) Know:

- What causes the N & S Pole to be so cold throughout the year
- The order of the planets beginning from the Sun and moving outward
- What causes summer in the Northern Hemisphere, summer in the Southern Hemisphere, winter in the Northern Hemisphere, winter in the Southern Hemisphere
- What a 'shooting star's' real name is
- Why craters could last for thousands of years on the surface of the moon
- All the phases of the moon and where the moon is passing in each phase (full moon, new moon, first quarter, crescent moon)
- What happens to the tides when the moon and sun form an almost 90 degree angle with the earth
- What a 'dust tail', 'ion tail', 'nucleus', and 'coma' are
- The part of the comet that exist both when the comet is close to the sun and when the comet is far away from the Sun
- What causes Mars and Saturn to have differed length of years
- Know what an asteroid, meteor, meteoroid, and meteorites are AND HOW THEY ARE RELATED