Astronomy: is the study of space beyond the earth’s atmosphere

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| Moon | Earth’s Natural satellite-This means it moves around the Earth all on its own. |
| Satellite | 1. A naturally orbiting object like the moon.
2. An object placed in orbit around a planet to collect information that helps scientists.
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| Star | Is a bright sphere of burning gas |
| Sun | A star at the center of our Universe |
| Earth | The third planet from the sun-The only planet that contains life. |
| Planet | A celestial body moving in an orbit around a star. |
| Universe | All of space and its galaxies as a whole. |
| Axis | An imaginary line going through the center of a sphere’s north and south poles. |
| Orbit | The path of an object around a star, planet, or moon. |
| Rotation | is a planet’s spin on its axis. Earth takes 1 day to complete a full rotation. |
| Revolution | is when an object travels around another. Earth takes 1 year to complete a full revolution around the sun. |
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| New Moon | when the moon passes between the Sun and the Earth. Moon is NOT visible. No sunlight is being reflected. |
| Waxing Crescent Moon | only a small part of the moon is visible (less than half) It is beginning to look larger. |
| First Quarter Moon (waxing quarter) | one-half of the Moon’s round shape is visible.  |
| Waxing Gibbous Moon | the Moon’s round shape is mostly visible. |
| Full Moon | the Moon’s full round shape is visible. |
| Waning Gibbous Moon  | most of the Moon’s round shape is visible, beginning to get smaller (less light reflected) |
| Last Quarter (waning quarter) | one-half of the Moon’s round shape is visible (opposite of 1st quarter) |
| Waning Crescent | only a small part of the moon is visible (less than half) very little sunlight is reflected. Phases will start over again. |

Waxing: More of Moon is visible-getting bigger

Waning: Less of Moon is visible-getting smaller