

List 14 Astronomy part 3

1. **Big bang**-in the Big Bang Theory- the initial explosion that resulted in the formation and expansion of the universe 13.7 billion years ago.
2. **galaxy**- a huge group of single stars, star systems, star clusters, dust, and gas bound together by gravity (624) *three types: elliptical, spiral, or irregular.*
3. **Spiral galaxy**- a galaxy with a bulge in the middle and arms that spiral outward in a pinwheel pattern (624).
4. **elliptical galaxy**- a galaxy shaped like around or flattened ball, generally ball, generally containing only old stars (624)
5. **Irregular galaxy**- a galaxy that does not have a regular shape. (624)
6. **asteroid**- rocky objects revolving around the sun that are too small and numerous to be considered planets. (586)- *asteroids are made of material similar to the material that formed the planets.*
7. **Asteroid belt**- the region in the solar system between the orbits of Mars and Jupiter, where many asteroids are found (586)
8. **coma**- the fuzzy outer layer of a comet that forms as the *comet approaches the sun*
9. **comet**- a loose collection of *ice (frozen water, methane, and ammonia)*, dust, and small rocky particles, typically with a long, narrow orbit around the sun.
10. **Oort Cloud** a spherical region of comets that surrounds the solar system.
11. **meteoroid**- a chunk of rock or dust in space.
12. **meteor**- the light we see when a meteoroid burns as it falls through Earth's atmosphere.
13. **meteorite**- a meteoroid that passes through the atmosphere and hits Earth's surface.