

1. barred spiral galaxy	Similar to a spiral galaxy but containing a formation of stars across the middle looking like a "bar" from which the spiral arms come out
2. cosmic background radiation	weak radiation coming from all directions in space left over from the "big bang"
3. cosmology	study of the universe and how it came to be
4. Elliptical Galaxy	galaxy shaped like a round or flattened ball, generally containing only old stars
5. galaxy	large collection of stars, gasses, and dust that is held together by gravity.
6. irregular galaxy	galaxy that has an undefined shape; these galaxies have large numbers of young stars and great amounts of gas and dust are usually found near larger galaxies.
7. light year	the distance light travels in a year
8. Milky Way	It is our galaxy that consists of groups of tens to hundreds of thousands of stars held tightly together by gravity; rotating in a spiral. Our sun is located near the outer edge of one spiral arm of our galaxy
9. nebula	large cloud of dust and gas in space
10. orbit	a regular repeating path an object follows as it travels around another object in space
11. spiral arm	lanes of interstellar gas, dust, and young stars that wind outward in a plane from the central regions of some galaxies
12. Spiral Galaxy	Galaxy shaped like a pinwheel. They have a central bulge from which two or more spiral arms extend, so they appear as a rotating disk of stars and dust, with a bulge in the middle
13. star	large spherical celestial body that is composed of gas and emits light like the sun, due to nuclear fusion in its core