

SCIENCE180 UNIT04 VOCABULARY				
Universe	Galaxy	spiral galaxy	dust lane	Primeval
elliptical galaxy	interstellar material	irregular galaxy	astronomer	Big Bang Theory
lenticular galaxy	Milky Way Galaxy			

Check Your Vocabulary

Use the vocabulary words above to complete the following sentences correctly.

- 1) The _____ is everything that exists, including objects and energy, throughout time and space.
- 2) The _____ is a massive collection of stars, dust, and clouds of gas. On a dark, clear night, it is usually easy to see. It is only one of billions of galaxies in the universe.
- 3) A _____ is a system of about 100 billion stars.
- 4) A _____ is a galaxy consisting of a flattened rotating disk of young stars, a central bulge of generally older stars, and a surrounding halo of older stars and dense clusters of old stars called globular clusters. The disk is prominent due to the presence of young, hot stars in a spiral pattern.
- 5) _____ is an era having existed from the beginning; in an earliest or original stage or state.
- 6) _____ is a lane of dark, obscuring interstellar dust in an emission nebula or galaxy.
- 7) A _____ is a galaxy whose structure is shaped like an ellipse and is smooth and lacks complex structures such as spiral arms.
- 8) _____ is the gas and dust between stars.
- 9) A _____ is a scientist who studies the stars and space.

- 10) A _____ is a galaxy with no spiral structure and no symmetric shape. Irregular galaxies are usually filamentary or very clumpy in shape.
- 11) The _____ is the theory that the Universe began with all matter and energy concentrated to very high density and temperature some 15 billion years ago. The present universe expanded from that epoch and is still expanding...
- 12) A _____ is a galaxy that is shaped like a lens. They are of an intermediate type between an elliptical galaxy and a spiral galaxy.

Check your answers.

Answer Key
1. universe
2. Milky Way Galaxy
3. Galaxy
4. spiral galaxy
5. Primeval
6. dust lane
7. elliptical galaxy
8. interstellar material
9. astronomer
10. irregular galaxy
11. Big Bang Theory
12. lenticular galaxy