

## 8th Grade Science Vocabulary Quiz 4

Write the word that best matches each definition or clue.

1. HETEROTROPHS      Organisms that must hunt and eat other organisms to survive; do not make their own food.
2. STARS      Large balls of gas burning in space; these balls of gas are primarily hydrogen and helium.
3. DENSITY      The amount of mass in a given volume.
4. PERIODIC TABLE      The organization of the elements based on atomic number.
5. LIGHT YEARS      A unit of distance to measure the distance between stars and galaxies.
6. GALAXY      A large collection of stars and solar systems theoretically revolving around a black hole; they come in spirals, ellipticals and irregular shapes.
7. AUTOTROPHS      Organisms that make their own food through photosynthesis.
8. METEORS      Sometime called falling stars. These bodies enter our atmosphere all the time mostly breaking up as they enter.
9. EUKARYOTIC      Cells that do contain a nucleus.
10. ASEXUAL REPRODUCTION      One parent; cloning; identical offspring to the parent.
11. COMETS      Balls of ice and dust.
12. SEXUAL REPRODUCTION      Two parents; sperm and egg cells combine to form a new organism.
13. LUMINOSITY      The intrinsic brightness of a celestial object.
14. ASTEROID      Irregular shaped space rocks; primarily found in the Kuiper Belt.
15. PROKARYOTIC      Cells that do not contain a nucleus.

autotrophs

asteroid

galaxy

comets

density

stars

luminosity

asexual reproduction

light years

sexual reproduction

eukaryotic

heterotrophs

periodic table

meteors

prokaryotic