

8th Grade Science Vocabulary Study Sheet 4

1. periodic table The organization of the elements based on atomic number.
2. density The amount of mass in a given volume.
3. light years A unit of distance to measure the distance between stars and galaxies.
4. stars Large balls of gas burning in space; these balls of gas are primarily hydrogen and helium.
5. galaxy A large collection of stars and solar systems theoretically revolving around a black hole; they come in spirals, ellipticals and irregular shapes.
6. asteroid Irregular shaped space rocks; primarily found in the Kuiper Belt.
7. meteors Sometime called falling stars. These bodies enter our atmosphere all the time mostly breaking up as they enter.
8. comets Balls of ice and dust.
9. luminosity The intrinsic brightness of a celestial object.
10. prokaryotic Cells that do not contain a nucleus.
11. eukaryotic Cells that do contain a nucleus.
12. heterotrophs Organisms that must hunt and eat other organisms to survive; do not make their own food.
13. autotrophs Organisms that make their own food through photosynthesis.
14. sexual reproduction Two parents; sperm and egg cells combine to form a new organism.
15. asexual reproduction One parent; cloning; identical offspring to the parent.