

8th Grade Science Vocabulary Study Sheet 5

1. conductivity The ability to conduct electricity.
2. biotic Relating to or resulting from living things.
3. abiotic Not derived from living organisms.
4. natural selection Nature choosing and allowing organisms to survive based on the characteristics needed to survive in a certain ecosystem.
5. biodiversity Different life; different organisms inhabiting the same area.
6. cytoplasm The glue of a cell that keeps all organelles in place.
7. cell nucleus The control-center of a cell; DNA is stored here.
8. chloroplast The food production area of a plant cell where photosynthesis occurs.
9. vacuole The storage area of a cell; this is larger in a plant cell than in an animal cell.
10. oxygen A colorless, odorless, tasteless nonflammable gas; 21% of atmosphere.
11. global warming A gradual increase in the overall temperature of the earth's atmosphere generally attributed to the greenhouse effect.
12. greenhouse effect The process that occurs when gases (CO₂, methane, water vapor) in Earth's atmosphere trap the Sun's heat.
13. ozone A gas molecule that consists of three oxygen atoms.
14. ozone depletion The gradual decrease of ozone in the upper atmosphere caused by products using chlorofluorocarbons (CFC's).
15. igneous rock Rock formed from cooling of magma or lava.