

Name _____

Date _____

Intro to Chemistry Vocabulary Terms

- 1 _____ Evaporation of water from the stoma of leaves
- 2 _____ Process by which bacteria that live on the roots of legume plants fix atmospheric nitrogen into a form usable by plants
- 3 _____ Plants with root nodules that contain nitrogen fixing bacteria
- 4 _____ Process by which bacteria in the soil convert organic nitrogen into atmospheric nitrogen
- 5 _____ Process in which light energy is used to convert carbon dioxide and water into glucose and oxygen
- 6 _____ Process in which oxygen and glucose are converted into carbon dioxide, water, and ATP energy
- 7 _____ Burning of fossil fuels and wood, which releases carbon dioxide into the atmosphere
- 8 _____ Breaking down of organic wastes by various organisms resulting in the release of carbon dioxide into the atmosphere
- 9 _____ Pigment found in the chloroplasts that absorbs light energy and reflects green light
- 10 _____ Organelle found in plant cells that is the site of photosynthesis
- 11 _____ Organelle found in plant and animals cells that is the site of cellular respiration
- 12 _____ Chemical energy molecule used by cells and produced during cellular respiration
- 13 _____ Organisms capable of producing their own food for energy
- 14 _____ Organisms that must eat other organisms to gain energy
- 15 _____ Process in which bacteria that live at hydrothermal vents use chemical energy to produce glucose
- 16 _____ Organisms that use photosynthesis or chemosynthesis to produce chemical energy in the form of glucose

- 17 _____ Organisms that eat plants
- 18 _____ Organisms that eat animals
- 19 _____ Organisms that eat dead plant material
- 20 _____ Organisms that eat both plant and animals