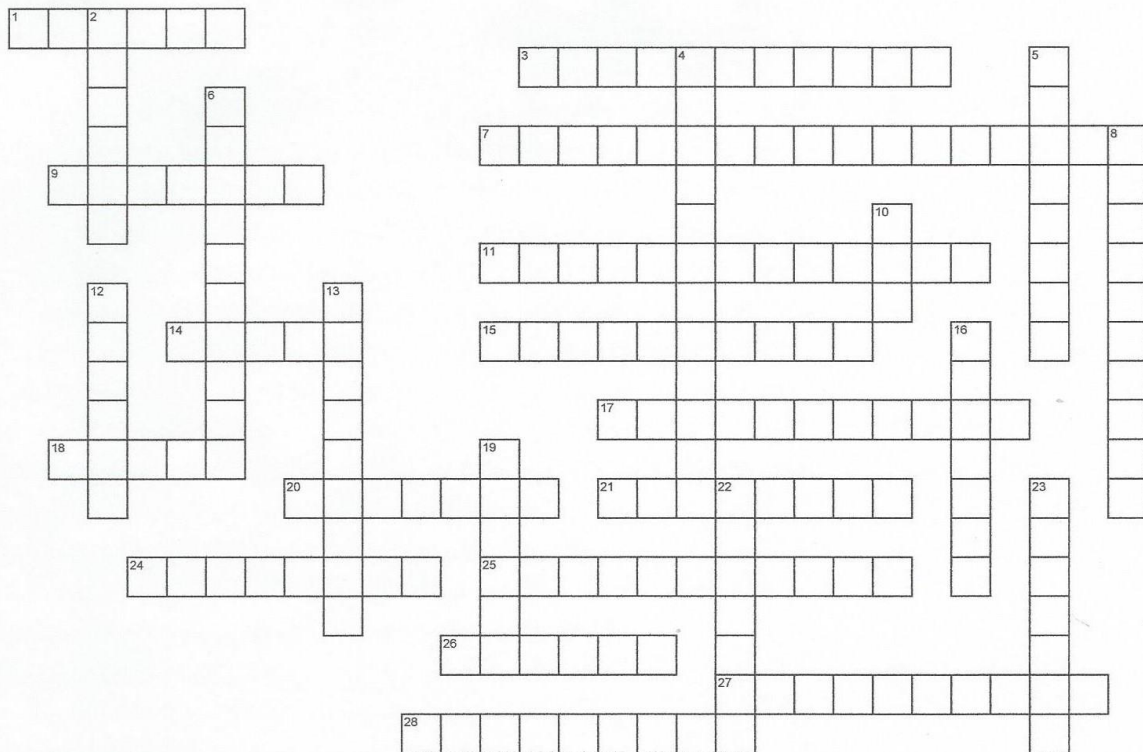


Lungs

Directions: Use the highlighted terms in the chapter to solve the puzzle. Most clues come from the chapter text, but some require outside investigation. Omit spaces or dashes between words.



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ACROSS

- 1 the outer covering of the lungs
- 3 the branches off of the bronchi
- 7 the system of organs allowing you to inhale, exhale, and exchange oxygen and carbon dioxide
- 9 the tiny air sacs in the lungs where exchange of oxygen and carbon dioxide take place
- 11 absorbed by plants and converted in photosynthesis to carbon and oxygen
- 14 tiny hair-like projections lining the trachea that help move mucous
- 15 capable of spreading from one person to another
- 17 nickname give those who suffer from emphysema
- 18 the major organs where oxygen and carbon dioxide exchange occurs
- 20 the two major branches of the trachea leading to the lungs

- 21 microscopic living organisms; only about 1% cause disease
- 24 anything that causes infection or disease
- 25 the process of taking in oxygen and releasing carbon dioxide; the action of breathing
- 26 one of the products of photosynthesis; carried by hemoglobin to cells throughout the body
- 27 the cartilaginous cover protecting the trachea from inhaling food
- 28 a condition where alveoli are damaged and enlarged, making it difficult to exhale air

DOWN

- 2 the breathe out; to release carbon dioxide
- 4 anything having the potential to cause cancer
- 5 the most major component of the

- air we breathe
- 6 inflammation of the bronchi
- 8 the chemical processes that help us maintain life; the rate at which our bodies use energy
- 10 molecules we inhale containing 78% nitrogen and 21% oxygen
- 12 lubricates the trachea and moves dust and other contaminants out of respiratory system
- 13 dome-shaped muscular wall separating the abdomen from the thorax; assists breathing; a spasm causes hiccups
- 16 organisms incapable of life without a host; use host DNA or RNA to reproduce
- 19 the area of the body between the neck and abdomen containing many important organs
- 22 the windpipe connecting the nose and mouth to the lungs
- 23 a parasitic infection spread throughout the world by mosquitos