

14-1 Brainpop Videos Worksheet

Diffusion

1. _____ is the natural movement of molecules from areas of high concentration to areas of low concentration.
2. Molecules _____ stop moving or vibrating.
3. Diffusion is caused by the _____ motion of molecules.
4. List solids, gases, and liquids in order from fastest to slowest rate of diffusion.
5. Why is diffusion important to biology?

Passive Transport

1. Cells get the oxygen, water, and nutrients they need from the _____.
2. List an example of diffusion.
3. Diffusion is an example of _____ transport.
4. (T or F) Substances naturally move from areas of high concentration to areas of low concentration.
5. What is the main difference between active transport and passive transport?

Active Transport

1. The natural spreading of particles through a liquid or gas is called _____.
2. _____ is when the cell membrane surrounds a substance and engulfs it.
3. The main function of the _____ is to fight germs.
4. _____ is the process that releases substances from a cell using active transport.
5. Active transport means it requires _____ to move substances across the membrane.