**Pre-Activity Quiz**

1. What is the tough, protective barrier that surrounds the outer membrane of some types of cells called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. What is the basic structural and functional unit of living organisms? \_\_\_\_\_\_\_\_\_\_\_\_.
3. The visible spectrum is electromagnetic waves have a frequency between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ waves.
4. A grouping of all possible energy levels of electromagnetic radiation from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_waves to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rays, including \_\_\_\_\_\_\_\_\_\_\_\_\_ light.
5. What is the range of all possible energy levels of electromagnetic radiation (from radio waves to gamma rays, including visible light) called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.