1**. Photosynthesis**- process by which plants and many other producers use light energy to produce a simple sugar from carbon dioxide and water and give off oxygen.

2. **Solar System-**system of eight planets, including Earth, and other objects that revolve around the Sun.

3. **Orbit-**Curved path followed by a satellite as it revolves around an object.

4. **Food Web**- model that shows the complex feeding relationships among organisms in a community.

5. **Hypothesis**- educated guess using what you know and what you observe.

6. **Consumer**- organism that cannot create energy-rich molecules but obtains its food by eating other organisms.

7. **Producer**-organism, such as a green plant or alga, that uses an outside source of energy like the Sun to create energy-rich food molecules.

8. **Potential Energy**-stored energy an object has due to its position.

9. **Kinetic Energy**-energy a moving object has because of its motion; depends on the mass and speed of the object.

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10. **Migration-**instinctive seasonal movement of animals to find food or to reproduce in better conditions.