**Unit 2 (Plants and Ecosystems) Study Guide**Flowers/Plants:

* Be able to correctly label the diagram below.
* What is the flower’s female reproductive part called? Male?
* Be able to explain pollination.

Photosynthesis/Cellular Respiration:

* What does the plant use to absorb sunlight? Carbon dioxide?
* What is required for plants to perform photosynthesis? What is produced during photosynthesis?
* What is the role of the stomata? Guard cells?
* What is required for plants to perform cellular respiration? What is produced during cellular respiration?

Tropisms:

* Define tropism, gravitropism, phototropism, and thigmotropism.
* What is an adaptation?  
   A trait that helps a plant survive in its environment.

Ecosystems:

* Be able to draw and label a simple food chain.
* What is the original source of energy in an ecosystem?

Biomes:

* Be able to identify each biome when given a set of descriptors.

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