**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

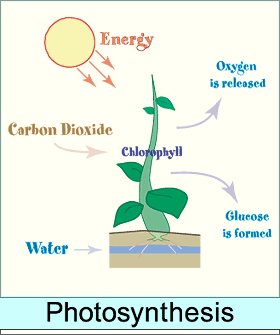
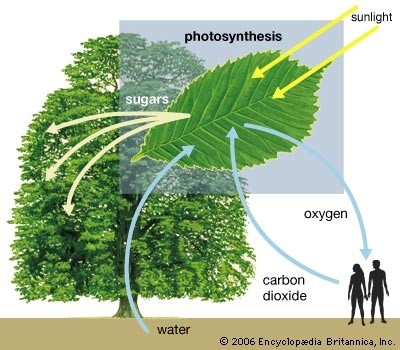
**(6.L.1) - Plant Study Guide**

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| Draw and Label the parts of a plant, including  the roots, stem, leaves, and flower. |  |
| What is the function (job) of the root? |  |
| What is the function (job) of the stem?  See picture above. |  |
| What is the function of flowers? |  |
| What is the function of leaves? |  |
| Plants can be divided into what two groups? |  |

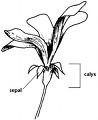
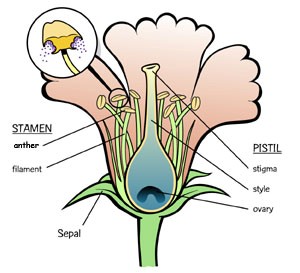
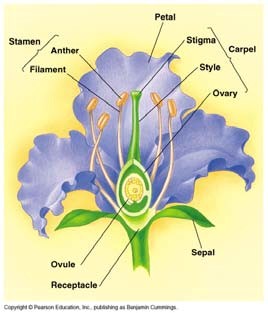




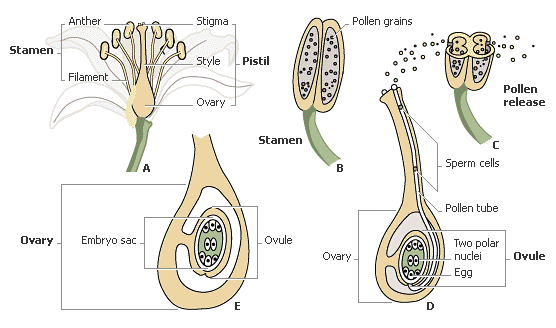
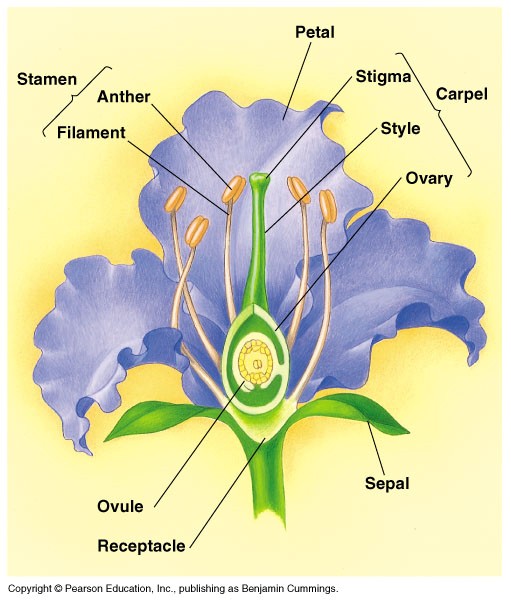




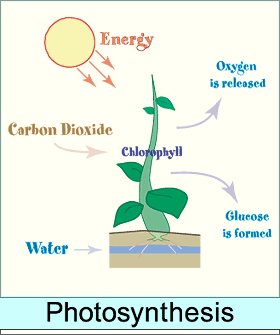
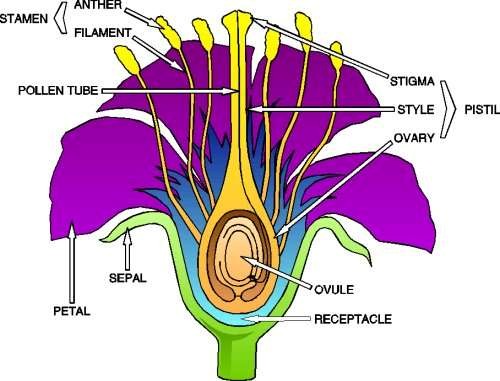
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| What is photosynthesis? |  |
| What is chlorophyll? |  |
| What 4 elements mix during photosynthesis? |  |
| What is produced during photosynthesis? |  |
| Where does photosynthesis occur? |  |
| Why are animals/people and plants  interdependent? |  |
| What is dormancy? |  |



|  |  |
| --- | --- |
| What is the function of the sepal? |  |
| What is the function of the petals? |  |
| What is the function of the stamen? |  |
| What is the function of the pistil?  (see picture above) |  |
| What is the function of the ovary?  (see picture above) |  |
| What is the function of the ovule? |  |



|  |  |
| --- | --- |
| What is the function of the seed? |  |
| What is pollination? |  |
| How can plants be pollinated? |  |
| What are 2 examples of plants that reproduce  with spores? |  |
| How do plants with spores reproduce? |  |
| Draw and label the parts of a FLOWER.  Include the stamen, pistil, sepal, ovary, ovule, and seed |  |



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| You should be able to EXPLAIN photosynthesis  in complete sentences. |  |
| You should be able to EXPLAIN the  reproductive processes in flowering plants in  complete sentences. |  |
| Explain the difference between vascular and non-vascular plants. |  |

|  |  |
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| Explain the difference between a gymnosperm and angiosperm. |  |
| Explain stomata and guard cells? |  |
| Explain transpiration. |  |
| Explain respiration. |  |
| Explain how plants defend themselves. |  |