**PLANT WARM UPS**

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|  |
| CHLOROPLAST |  |  |
| FRUIT |  |  |
| PHLOEM |  |  |
| SEED |  |  |
| STROMA |  |  |
| XYLEM |  |  |
| CUTICLE |
| LEAF |
| PHOTOSYNTHESIS |
| STEM |
| THYLAKOID |
| FLOWER |
| MESOPHYLL |
| ROOT |
| STOMATA |
| TRANSPIRATION |

**Warm Up #1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| R | O | O | T | G | D | Q | Q | K | F | Y | M | Z | L | E | A | F | A |
| T | H | Y | L | A | K | O | I | D | F | R | U | I | T | L | S | C | T |
| A | C | S | I | S | E | H | T | N | Y | S | O | T | O | H | P | U | A |
| C | H | L | O | R | O | P | L | A | S | T | S | E | E | D | X | T | M |
| M | E | S | O | P | H | Y | L | L | M | E | O | L | H | P | Y | I | O |
| S | T | R | O | M | A | G | H | R | E | W | O | L | F | N | L | C | T |
| M | E | T | S | Y | T | X | S | M | A | U | E | B | R | S | E | L | S |
| T | R | A | N | S | P | I | R | A | T | I | O | N | X | S | M | E | P |

**Warm Up #2**

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| The Xylem is in the stem part of the plant that transports \_\_\_\_\_\_, while its neighbor the phloem transports \_\_\_\_\_\_\_. 1. Nutrients / Water
2. Chloroplats / Guard Cells
3. Pollen / Water
4. Water / Nutrients
 | This tiny whole or pore that is located on the bottom of leaves, help regulate gas exchange and water loss. 1. Cuticle
2. Epidermis
3. Stomata
4. Phloem
 |
| Define Guard Cells: Define Chloroplast: | Define Phloem:  |

**Warm Up#3**

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| http://waynesword.palomar.edu/images/spinsd4.gifWhat is the most likely seed dispersal mechanism for a seed with wing-like structures?1. Wind
2. Water
3. Eaten by animals
4. Catch in animal Fur
 | How does the function of plant leaves benefit the whole organism?1. Support the plant
2. Produce flowers
3. Trap sunlight for photosynthesis
4. Take in water
 |
| Define dispersal: | Define: photosynthesis |

**Warm Up #4**

|  |  |
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| Species of the genus *Toxicodendron*, which includes poison ivy and poison oak, produce a gummy oil that causes a severe itchy rash in some animals. This substance is part of the *Toxicodendron* species’ – 1. Defense mechanism
2. Nutritional processes
3. Support system
4. Clinging ability
 | In most plants, what structure is solely used for reproduction?1. Flowers
2. Leaves
3. Roots

J. Stem |
| **Define severe:** | **Define solely:** |

Warm Up #5

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| http://www.ekcsk12.org/faculty/jbuckley/apbio/plantreproanddevtest_files/image001.gif**Label the parts of the plant and list the main job associated with each part.**http://intgrunits.olivet.edu/internal/Garden/Team Activities/Plant 1.gif |