**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**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 |