

|                   |                                               |                |                      |              |
|-------------------|-----------------------------------------------|----------------|----------------------|--------------|
| <b>B</b>          | <b>I</b>                                      | <b>N</b>       | <b>G</b>             | <b>O</b>     |
| sugar             | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> | chloroplast    | product              | leaves       |
| carbon<br>Dioxide | stomata                                       | oxygen         | CO <sub>2</sub>      | plants       |
| roots             | sunlight                                      | <b>FREE</b>    | Chemical<br>Reaction | energy       |
| glucose           | respiration                                   | green          | convert              | mitochondria |
| convert           | O <sub>2</sub>                                | photosynthesis | water                | chlorophyll  |

|             |                      |             |                   |                                               |
|-------------|----------------------|-------------|-------------------|-----------------------------------------------|
| <b>B</b>    | <b>I</b>             | <b>N</b>    | <b>G</b>          | <b>O</b>                                      |
| sunlight    | CO <sub>2</sub>      | product     | carbon<br>Dioxide | oxygen                                        |
| chloroplast | water                | leaves      | O <sub>2</sub>    | plants                                        |
| glucose     | Chemical<br>Reaction | <b>FREE</b> | energy            | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> |
| convert     | photosynthesis       | sugar       | chlorophyll       | respiration                                   |
| green       | mitochondria         | roots       | stomata           | convert                                       |

|                |                                               |                 |                   |                      |
|----------------|-----------------------------------------------|-----------------|-------------------|----------------------|
| <b>B</b>       | <b>I</b>                                      | <b>N</b>        | <b>G</b>          | <b>O</b>             |
| O <sub>2</sub> | photosynthesis                                | CO <sub>2</sub> | mitochondria      | Chemical<br>Reaction |
| sugar          | glucose                                       | green           | stomata           | leaves               |
| roots          | chlorophyll                                   | <b>FREE</b>     | respiration       | convert              |
| sunlight       | plants                                        | product         | water             | chloroplast          |
| energy         | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> | oxygen          | carbon<br>Dioxide | convert              |