

|                       |              |                |                                 |             |
|-----------------------|--------------|----------------|---------------------------------|-------------|
| <b>B</b>              | <b>I</b>     | <b>N</b>       | <b>G</b>                        | <b>O</b>    |
| sunlight              | ATP          | Photosynthesis | light intensity and temperature | chloroplast |
| Calvin Cycle          | stroma       | green          | ATP                             | reactant    |
| Adenosine Diphosphate | glucose      | <b>FREE</b>    | Two                             | stomata     |
| carbon Dioxide        | product      | chlorophyll    | light dependent                 | Roots       |
| Plants                | chloroplasts | C6H12O6        | CO2                             | oxygen      |

| B                      | I                        | N           | G                                        | O              |
|------------------------|--------------------------|-------------|------------------------------------------|----------------|
| Sunlightphotosynthesis | Adenosine<br>Diphosphate | Two         | stroma                                   | ATP            |
| sunlight               | stomata                  | glucose     | light<br>intensity<br>and<br>temperature | chloroplasts   |
| carbon<br>Dioxide      | chloroplast              | <b>FREE</b> | Calvin<br>Cycle                          | Photosynthesis |
| green                  | thylakoid                | oxygen      | product                                  | C6H12O6        |
| CO2                    | light<br>dependent       | ATP         | chlorophyll                              | water          |

|                    |                        |                          |                                          |                 |
|--------------------|------------------------|--------------------------|------------------------------------------|-----------------|
| <b>B</b>           | <b>I</b>               | <b>N</b>                 | <b>G</b>                                 | <b>O</b>        |
| thylakoid          | NADPH                  | Adenosine<br>Diphosphate | oxygen                                   | Calvin<br>Cycle |
| glucose            | NADPH                  | water                    | ATP                                      | sunlight        |
| chlorophyll        | CO2                    | <b>FREE</b>              | light<br>intensity<br>and<br>temperature | Two             |
| Photosynthesis     | Sunlightphotosynthesis | ATP                      | Plants                                   | chloroplasts    |
| light<br>dependent | stroma                 | product                  | carbon<br>Dioxide                        | reactant        |