

|                   |                        |                   |                                |                      |
|-------------------|------------------------|-------------------|--------------------------------|----------------------|
| <b>B</b>          | <b>I</b>               | <b>N</b>          | <b>G</b>                       | <b>O</b>             |
| stroma            | ATP                    | Oxygen            | photosystem<br>I               | electron<br>acceptor |
| Light<br>reaction | stroma                 | green             | C4                             | stomata              |
| thylakoid         | CO2                    | <b>FREE</b>       | electrons<br>jumping           | carbon<br>reduction  |
| Cell<br>food      | carbon<br>regeneration | photosystem<br>II | chlorophyll                    | photon               |
| red and<br>blue   | carbon<br>fixation     | Rubisco           | electron<br>transport<br>chain | Calvin<br>cycle      |

|                   |                   |                     |                          |                |
|-------------------|-------------------|---------------------|--------------------------|----------------|
| <b>B</b>          | <b>I</b>          | <b>N</b>            | <b>G</b>                 | <b>O</b>       |
| electrons jumping | electron acceptor | CO <sub>2</sub>     | stomata                  | Calvin cycle   |
| photosystem II    | carbon reduction  | carbon regeneration | stroma                   | C <sub>4</sub> |
| thylakoid         | photosystem I     | <b>FREE</b>         | electron transport chain | Light reaction |
| Oxygen            | green             | red and blue        | Cell food                | photon         |
| ATP               | stroma            | water               | Oxygen Gas               | Rubisco        |

|                   |                          |                     |                  |               |
|-------------------|--------------------------|---------------------|------------------|---------------|
| <b>B</b>          | <b>I</b>                 | <b>N</b>            | <b>G</b>         | <b>O</b>      |
| electrons jumping | Light reaction           | photon              | Oxygen Gas       | C4            |
| ATP               | water                    | Oxygen              | thylakoid        | Cell food     |
| stroma            | red and blue             | <b>FREE</b>         | chlorophyll      | photosystem I |
| Calvin cycle      | electron transport chain | carbon regeneration | carbon reduction | CO2           |
| stomata           | electron acceptor        | Rubisco             | green            | stroma        |