

# Cause and Effect

Read each text and complete the table by writing the missing cause or effect.

1. Chlorophyll is a green pigment found in green plants. This pigment gives plants their green color. A crucial component in the process of photosynthesis, chlorophyll helps absorb energy from sunlight. Plants use this stored energy to convert carbon dioxide and water into oxygen and carbohydrates.

|    | <b>Causes</b>                   | <b>Effects</b>                                       |
|----|---------------------------------|--|
| 1) | Chlorophyll is a green pigment. |  |
| 2) |                                 | Plants use this stored energy during photosynthesis. |

2. Do you know why a freshly cut apple turns brown? This happens because of an enzyme called polyphenol oxidase. When exposed to air, this enzyme reacts with oxygen. It results in a chain of reactions known as enzymatic browning, which causes the apple slices to become brown. You can coat the cut pieces with lemon juice, sugar syrup, or pineapple juice to reduce oxygen diffusion and slow down the browning process.

|    | <b>Causes</b>   | <b>Effects</b>                   |
|----|---|----------------------------------|
| 1) |   | A freshly cut apple turns brown. |
| 2) | Coat the cut pieces of apple with lemon juice, pineapple juice, or sugar syrup. |                                  |