Photosynthesis is an energy \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ process.

1. Takes place in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of plant cells
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a pigment that captures light energy from the sun
3. Light energy is converted into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ help make the chemical reactions in the cell possible.
5. Energy is stored in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between molecules of carbon, hydrogen and oxygen.
6. The molecule that stores the energy is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The chemical formula for the process of photosynthesis is:

Plants use the glucose to carry out life processes.

If excess glucose is made it is stored as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the plant.

Examples of stored carbohydrates in plants are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a model of the photosynthesis process in a plant cell.