

## Class Notes

Subject: Biology  
Topic: Photosynthesis

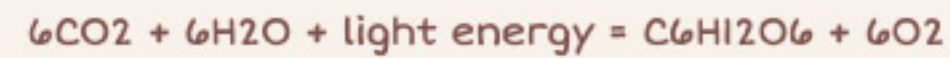
Date: September 26, 2080  
Teacher: Mrs. Johnson

### Objective

Understand the process of photosynthesis and its importance to plant life and the environment

### Definitions

Photosynthesis: the process by which green plants and some other organisms use sunlight to synthesize goods with the presence of chlorophyll pigments



### Stages of Photosynthesis

1. Light-dependent reactions
  - a. Occur in the thylakoid membranes of the chloroplasts.
  - b. Convert light energy to chemical energy (ATP and NADPH).
2. Calvin Cycle (Light-independent reactions)
  - a. Occur in the stroma of the chloroplasts.
  - b. Use ATP and NADPH to convert CO<sub>2</sub> into glucose.

### Importance of Photosynthesis

Understand the process of photosynthesis and its importance to plant life and the environment

### Drawing



### Class Discussion

- ☒ Discussed the adaptations of different plants for photosynthesis.
- ☒ Talked about the impact of environmental changes on photosynthesis.

**Homework:** Read Chapter 5. Answer questions.

# FREE AESTHETIC NOTES TEMPLATE

Structured for clarity and designed with pleasing visuals, it makes jotting down thoughts, ideas, or class materials an enjoyable experience.



Available in **MS Word**