

KEY FACTS

- $6\text{CO}_2 + 6\text{H}_2\text{O} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$ (light, chloroplasts)
- Three limiting factors: light, CO_2 , temperature
- Above optimum temperature: photosynthesis enzymes denature \rightarrow rate drops

EQUATIONS / FORMULAS**KEY TERMS**

Limiting factor	Factor in shortest supply — controls photosynthesis rate
Chlorophyll	Green pigment absorbing light energy

■ EXAM TIP: Rate plateauing = another factor is NOW limiting. Always say WHICH one.