

CHLOROPLAST ANATOMY & PHOTOSYNTHESIS

Educational Reference Chart

[DIAGRAM AREA: CHLOROPLAST STRUCTURE]

- **Outer Membrane:** Semi-porous protective transition.
- **Inner Membrane:** Regulates passage of molecules.
- **Intermembrane Space:** Gap between membranes.
- **Stroma:** Alkaline aqueous fluid (Dark Reactions).
- **Thylakoid:** Disc-like sac (Light Reactions).
- **Granum:** A stack of thylakoids.
- **Lumen:** Internal space of a thylakoid.

Stage	Location	Input
Light Dependent	Thylakoid	H ₂ O, Light
Calvin Cycle	Stroma	CO ₂ , ATP



Subject: Plant Biology | Topic: Cellular Energetics | Reference Template