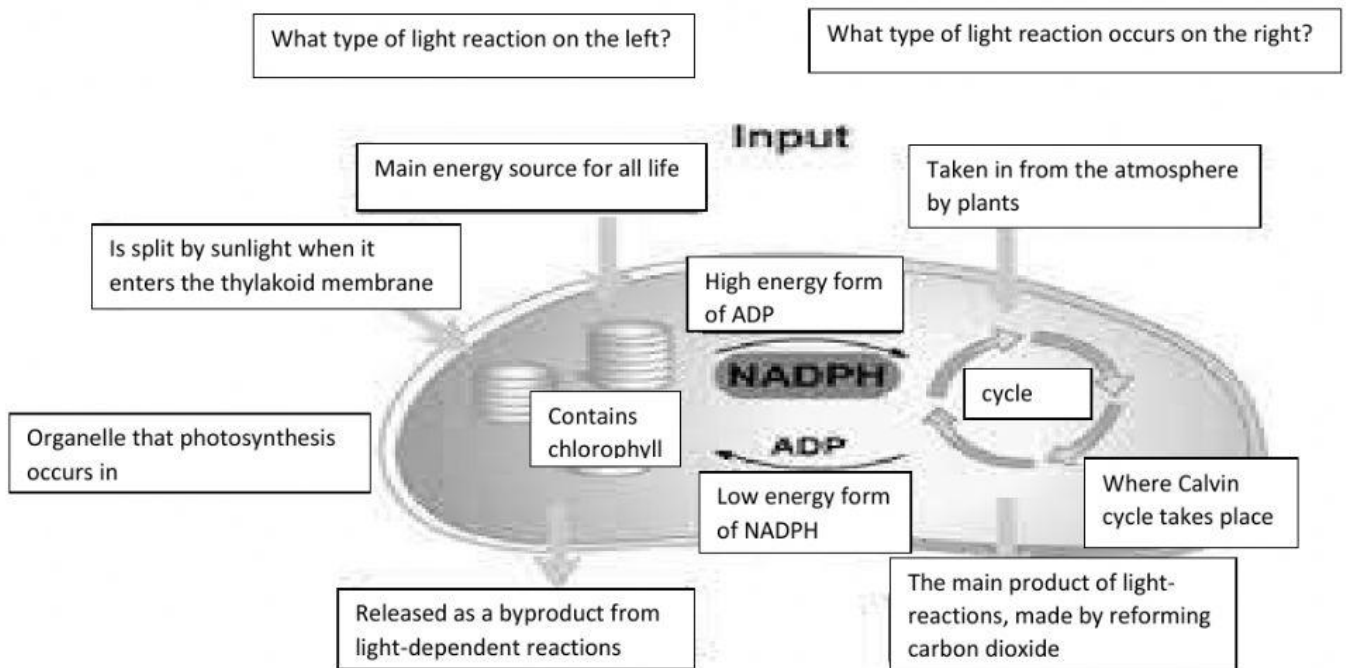


Learning Target: I can explain the role of photosynthesis in the cycling of matter and flow of energy within the cell.

**Photosynthesis Light-Dependent & Light-Independent Reactions Interactive Review**



**Match the following words with their position on the chloroplast diagram above:**

Sunlight	Water	Carbon dioxide	NADP+	Oxygen	ATP
Glucose sugars	Light-independent reactions	Light-dependent reactions	Calvin cycle		
Stroma	Thylakoid membrane	Chloroplast			

**Review Questions:**

1. What are the reactants of the light-dependent reactions?
2. What are the products of the light-dependent reactions?
3. What are the reactants of the light-independent reactions?
4. What are the products of the light-independent reactions?
5. Where do the light-dependent reactions occur?
6. Where do the light-independent reactions occur?
7. What is the role of photosynthesis in the cycling of matter and flow of energy within the cell?

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