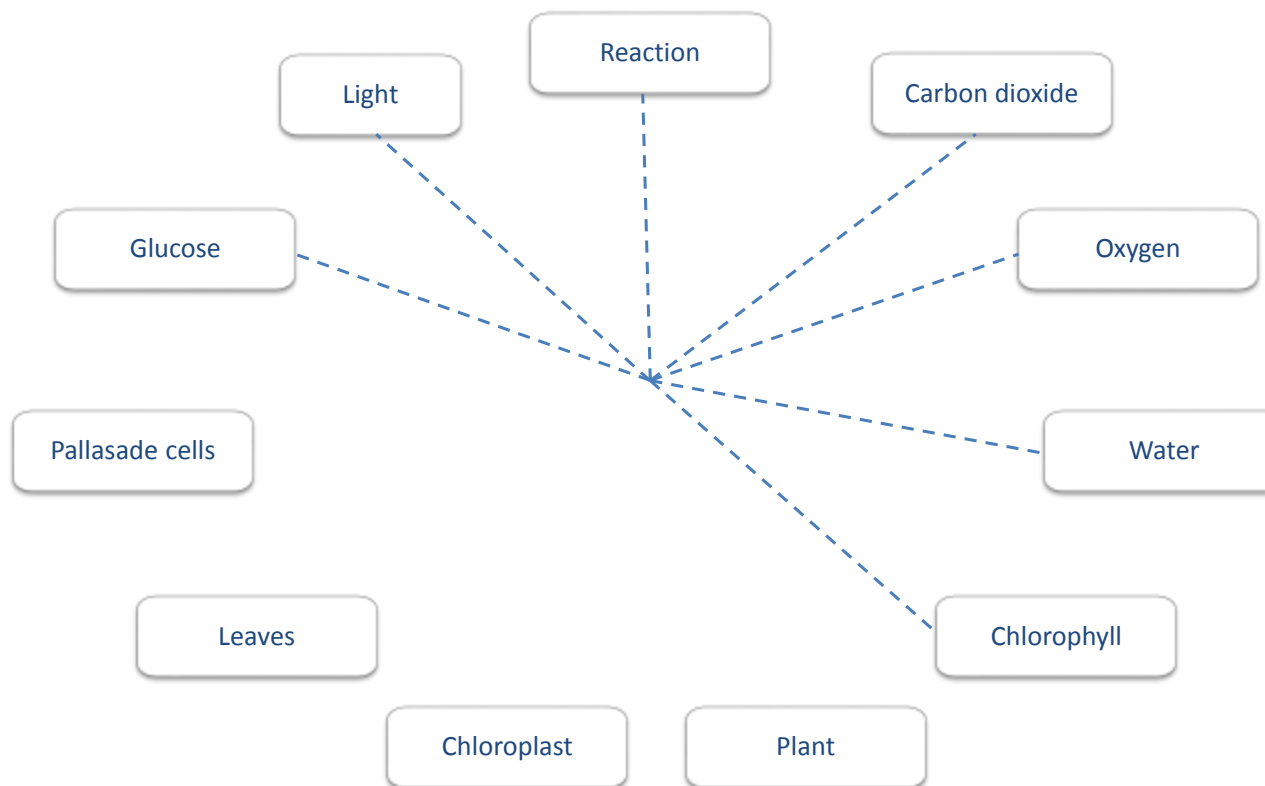
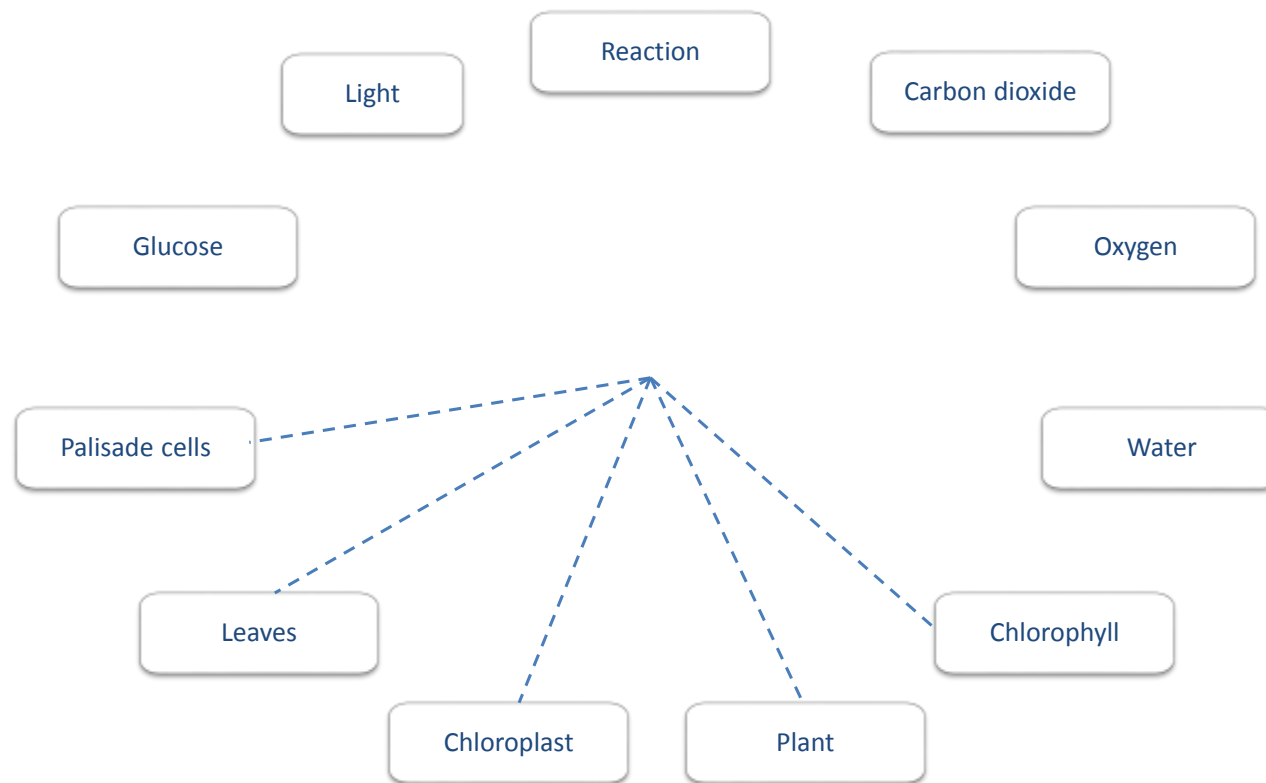


Photosynthesis: In the presence of light in chlorophyll carbon dioxide reacts with water to form glucose and oxygen.



Photosynthesis: Plant leaves contain palisade cells which have chloroplast that contain chlorophyll where photosynthesis occurs.



What is to be discerned	Critical aspects				
	Light intensity	Concentration of carbon dioxide	Volume of water	Rate at which oxygen is produced	Rate at which glucose is produced
The intensity of light impacts the rate at which oxygen and glucose are produced	v	i	i	v	v
The concentration of carbon dioxide impacts the rate at which oxygen and glucose is produced	i	v	i	v	v