

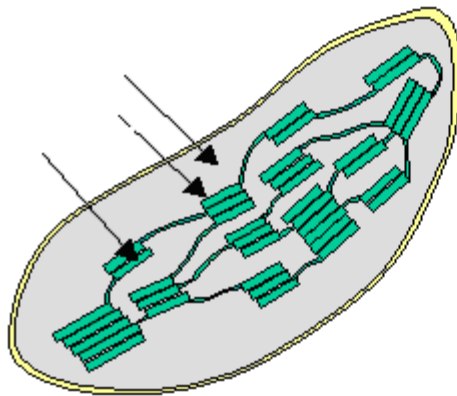
Bio I

Notes: Chloroplast - Photosynthesis (Part One)

Organelle	Function	Prokaryotic	Eukaryotic	
			<i>Animal</i>	<i>Plant</i>
<i>Chloroplast</i>				
<i>Central vacuole</i>				
<i>Cell wall</i>				

Photosynthesis:

- Location:
- Structure (terms: thylakoid, thylakoid membrane, pigments, grana, stroma)



- Pigments

- Types of pigments

Pigment	Wavelengths – Absorbs	Wavelengths – Reflect
<i>Chlorophyll a</i>		
<i>Chlorophyll b</i>		
<i>Accessory pigments</i> (<i>carotene, xanthophyll, anthocyanin</i>)		

- Summary equation of photosynthesis:

