

# Cornell Notes

<b>Topic / Objective:</b> Plant/identify the characteristics of plants and the things needed to live successfully on land	<b>Name:</b> Ms. H
<b>Class / Period:</b> 8A/8B	<b>Date:</b> M, 11.25.19

**Essential Question:** 1. What characteristics do all plants share? 2. What do plants need to live successfully on land?

Questions:	Notes: <u>Key Point</u>	<u>Information</u>
• What process allows plants to make food?	Plant Characteristics	- Chlorophyll provides green coloring
• In what cell organelle will photosynthesis take place?		- autotrophs (makes own food)
• What pigment w/in the plant cell/chloroplast is able to capture sunlight?	Plant Cells	- Contains cell wall
• What adaptation help reduce H <sub>2</sub> O loss?		- multicellular
• Why does a plant tend to lose H <sub>2</sub> O?	Plants Survival (Transpiration)	- makes food through photosynthesis + sunlight
• Why must land plants support their bodies?		- Cell wall made of cellulose
• How do plants accomplish the body support?	Support	- ose: sugar
		- chloroplast + vacuole are very important for food production
		- must obtain water and nutrients
		→ RETAIN water: cuticle, waxy waterproof covering
		- support their bodies
		- transport materials
		- reproduce
		- easy for sm, low-growing plants
		- lg plants must be exposed to sunlight to help cell wall and tissue strengthen
		- helps make food

**Summary:** Answer E.Q. 1 + 2 here

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