

Cornell Notes

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Topic / Objective: <u>Plants</u>	Name:
	Class / Period:
	Date:

Essential Question:

Questions:

Notes: Key Point

Information

- What are characteristics of seed plants?
- What makes seed plants different from ferns?
- Compare and contrast angiosperm + gymnosperm
- Why do you think angiosperms are so successful at survival?
- How can you classify angiosperm by cotyledon?

Examples of Seedless Vascular Plants

Characteristics of Seed Plants

Pollen + Seeds

Gymnasperms

Angiosperms

corn, rice, onions, tulips
roses, sunflowers, peas

- Ferns, club mosses, and horsetails
- have vascular tissue, use pollen + seeds to reproduce
- live on land
- produce pollen (tiny structure of sperm cells)
- Seed (contains young plant, egg cell)
- Seeds protect the young cell from drying out
- seed plant that produces naked seeds
- oldest seed plant
- needlelike or scale like leaves
- Conifers, cycads, Ginkgoes, Gnetophytes
- flowering plants
- Monocots: one seed leaf
- Dicots: produce seeds w/ two seed leaves
- Cotyledon: seed leaf to provide food for the embryo

Summary: What are the characteristics of seed plants?

