



Notes for Botany Module

Plants

Use the following chart to compare and contrast monocots and dicots.

Structure	Monocots	Dicots
Seed leaves		
Floral parts		
Leaves		

Plant life cycles

Describe the following types of life cycles of plants.

Annual:

Biennial:

Perennial :



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Plant Classification

For each example, give the correct scientific name.

Species name for common garden bean.

Full scientific name for White Eastern Redbud.

Full scientific name for Honey Select Sweet Corn.

Internal Plant Parts

What are meristems?

What is their function?

External Plant Parts

What are the functions of roots?

What are the functions of stems?



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What is a node?

Crowns, spurs, stolons, tubers, rhizomes, bulbs, and corms are all examples of what plant part?

What is the function of leaves?

What is the function of flowers?

Plant growth and development

What is photosynthesis?

What is pollination?

What is germination?



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What is respiration?

What is evapotranspiration?

Environmental factors affecting growth

How does light affect plant growth?



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How does temperature affect plants?

How does water and humidity affect plant growth?