

Plant Kingdom

Notes

- There are **2** main groups of plants:
- The 2 groups are called **nonvascular** and **vascular** plants

- Non vascular plants do not have specialized conducting tissues or true roots, stems and leaves.

- Non vascular plants depend on **diffusion** to move food and water from one part of the plant to another.

Sketch a non vascular plant.



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- Vascular plants have specialized **tissues** that move materials, water and food, from one part of the plant to another.

Celery demonstration

- Draw a picture of the celery before and after.



- Vascular plants are divided into 3 groups: Seedless plants and 2 types of seed plants.

An example of a seedless plant is a:



Fern



Club Moss



A Spike Moss

- The 2 types of seed plants are
gymnosperms and
angiosperms.

- Gymnosperms are **woody** vascular plants and the seeds are **NOT** enclosed in a fruit.



Pine Tree



Cycads



Bristlecone Pine

- Angiosperms are **flowering** plants that have seeds in a fruit.



