



# Introduction to Plants

Sci  
F

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Seed plants** are vascular and use **pollen** and **seeds** to reproduce. There are two main groups of seed plants – **gymnosperms** and **angiosperms**.

A **gymnosperm** plant produces **naked seeds** which are not covered by a protective fruit.



An **angiosperm** is a **flowering plant** that produces seeds enclosed in **fruit**. There are two major groups of angiosperms - **monocots** and **dicots**.



## PREVIEW

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conifer

ginkgo

bean plant

apple tree

Ferns, club mosses and horsetails are **seedless** vascular plants and reproduce by releasing **spores**.









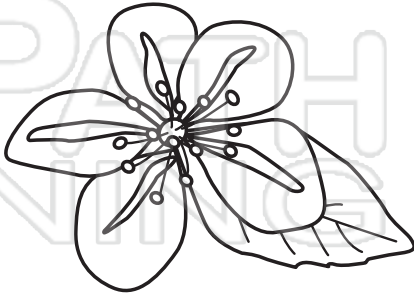
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An **angiosperm** is a **flowering plant** that produces seeds enclosed in **fruit**. There are two major groups of angiosperms - **monocots** and **dicots**.

## Comparing Monocots & Dicots

plant part	monocots	dicots
seed	 one cotyledon	 two cotyledons
		
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	vascular tissue	arranged in a ring
flower	 flowers in 3 parts	 flowers in 4-5 parts

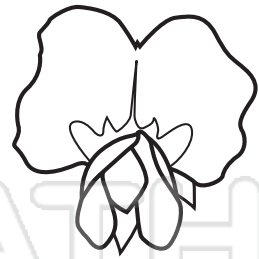


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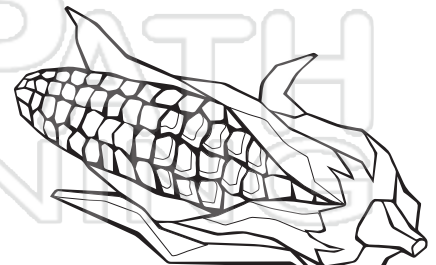
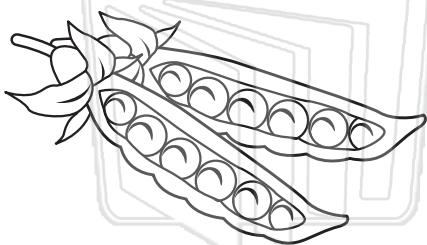
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Write **monocot** or **dicot** below each image.



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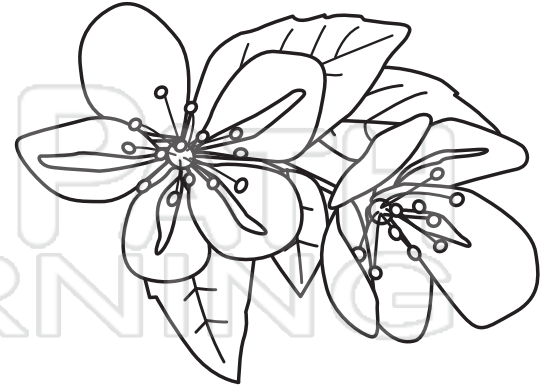
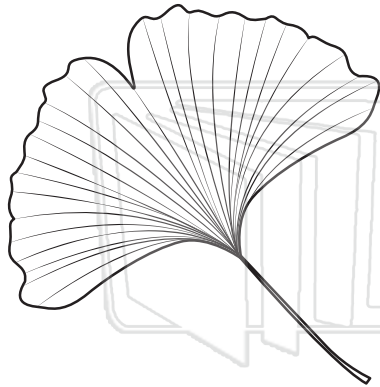


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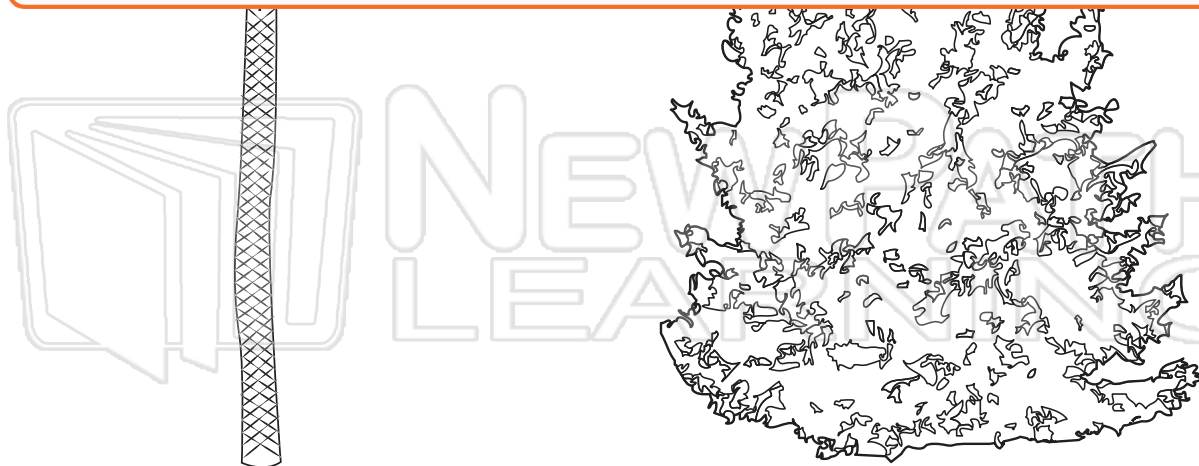
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Color and cut out the images. Make a chart and place the plants in the correct group - **angiosperm** or **gymnosperm**. Add more of your own images.



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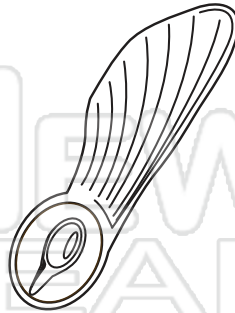


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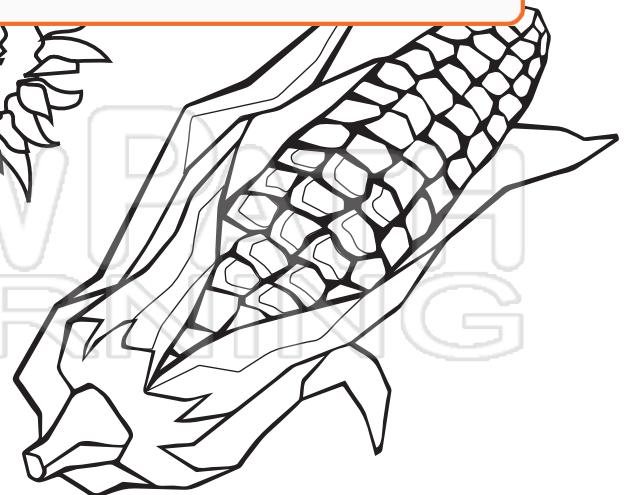
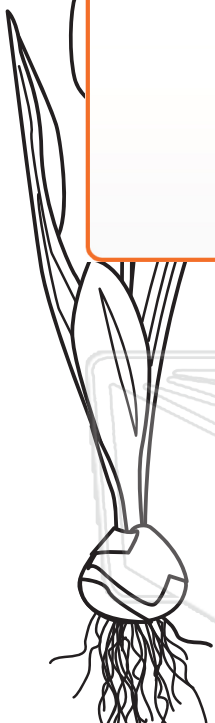
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Color and cut out the images. Make a chart and place the plants in the correct group - **angiosperm** or **gymnosperm**. Add more of your own images.



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## Answer Key

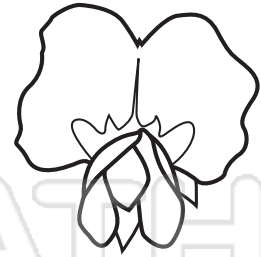
Write **monocot** or **dicot** below each image.



dicot



monocot



dicot



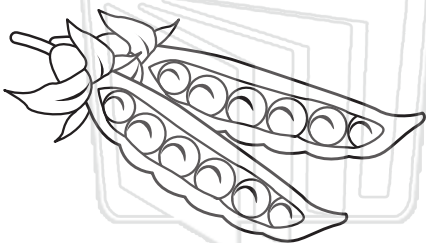
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monocot

dicot

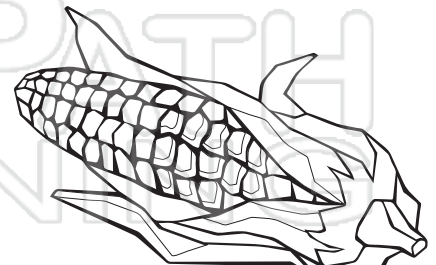
dicot



dicot



monocot



monocot



## Answer Key - Example

Color and cut out the images. Make a chart and place the plants in the correct group - **angiosperm** or **gymnosperm**. Add more of your own images.

Angiosperm	Gymnosperm
	
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