





palm house

Look up and down and you will see a wide variety of plant characteristics. How many different stems can you find? How many different leaf shapes? Scientists classify plants according to these different characteristics.

List 2 examples of each structure.

structure		can be classified as		example
	Flower →	Needle-like or broad leaf	→	1. _____ 2. _____
	Leaf →	Woody and green (non-woody)	→	1. _____ 2. _____
	Stem →	Different color, shape or number of petals	→	1. _____ 2. _____
	Roots →	Tap (single) or branching	→	1. _____ 2. _____

tropical house

Here you will find a wide variety of plants, but most of them all have the same **STRUCTURES**: leaves, flower, stem, and roots. Each **STRUCTURE** serves a **FUNCTION** to help that plant survive. Look for different examples of each **STRUCTURE**.

Draw lines from the **FUNCTION** and **STRUCTURE** to the corresponding parts on the flower.

FUNCTION

- Produce seeds and attract pollinators
- Carries water and minerals to the rest of the plant and provides support
- Anchors plant and absorbs water and nutrients for growth
- Creates food and site of photosynthesis (in green plants)

STRUCTURE

- Leaves
- Roots
- Flower
- Stem



desert habitat

A Desert is a dry area of land where there is little rain and therefore, living conditions can be challenging for a plant and animal life. Many plants that live in deserts have adapted special traits that help them survive in such a harsh environment.

Draw a line connecting the **STRUCTURE** to the **TRAIT** and then, finally, to the corresponding **FUNCTION**. Try and find an example of each in the Desert Room.

structure	trait	function
	Bright Colors	Protection from being Eaten
	Shallow in the Ground	Expands for Water Storage
	Folded (Pleated) Skin	Attracts Pollinators or Seed Dispersers
	Spines	Absorbs Water and Nutrients

fernyery

All living organisms have a LIFE CYCLE. A LIFE CYCLE is the series of changes in the life of an organism (plant or animal) including reproduction. Below is the LIFE CYCLE of a plant.

Fill in the blanks with the following words:

MATURE PLANT

SEEDS

SEED WITH LEAVES

FLOWER

SEEDLING

