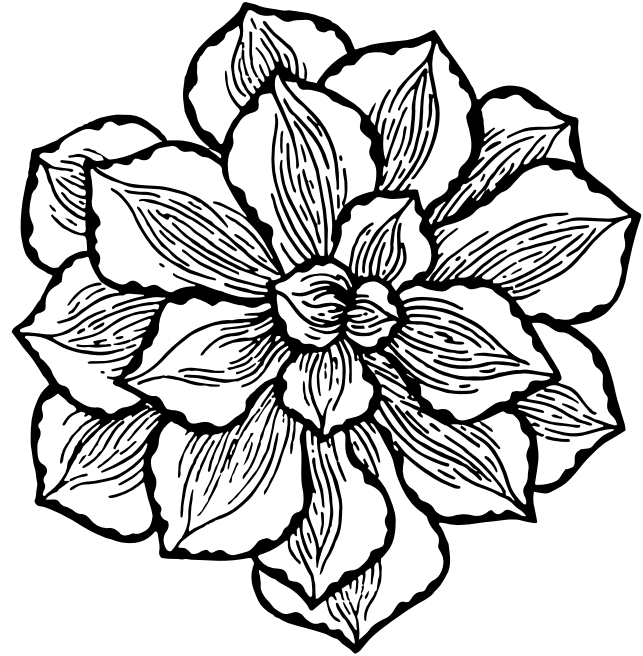


Plant Adaptation Journal



Use this journal to explore plant adaptation at the Arboretum.
Adaptation is the natural process by which an animal or plant
becomes fitted to its surroundings, or environment,

Name: _____

Desert Biome

Adaptation: Thick, waxy leaves



Thick leaves that feel like they are covered in wax or plastic allow plants to store water in their leaves and stems.

Adaptation: Green Stems or Bark



Helps plants absorb sunlight without needing too many leaves (leaves require a lot of water)

Find plants with these adaptations!

Draw or write about what you find in the space below:

Observe the plants and animals in an area near you.
Think about; is it sunny or shaded? Is it dry or damp?
Design and draw an imaginary plant that you think
could live here.

Adaptation: Thorns or Spines



Keeps hungry animals from
eating the plants.
Provides some shade.

Adaptation: Fuzzy Leaves



Fuzzy leaves protect plants from
the sun, like sunscreen.
The tiny white hairs reflect light.

Find plants with these adaptations!
Draw or write about what you find in the space below:

Jungle Biome

Adaptation: Wide Leaf



Creates a large surface to collect sunlight needed for energy and growth.

Adaptation: Drip Tips



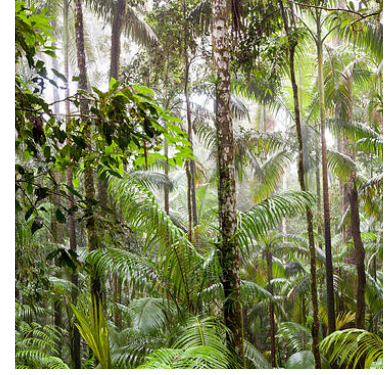
Keeps water from pooling on leaves and helps it drip to the soil and water roots

Adaptation: Epiphyte



(plant growing on another plant)
A way for smaller plants to get closer to the light in a crowded rainforest canopy.

Adaptation: Tall, Skinny Trunks



Rainforest trees often have long skinny trunks, so they can reach up to the canopy where there is more sun.

Find plants with these adaptations!

Draw or write about what you find in the space below:

Find plants with these adaptations!

Draw or write about what you find in the space below: