Contest Entry Form

Plant Mash-Up Contest!

DEADLINE MARCH 6, 2020

DIRECTIONS Consider the characteristics of two existing plants and use them to create your own hybrid with new qualities that will benefit a challenge in your community. You can use any two plants you can think of, but here are some to get you started. Make sure your final thoughts all fit on this page!

Tillandsia

- Called "air plants" because they do not require soil to grow
- Drought tolerant, requires only minimal water
- Very effective at removing pollutants from the air

Cereal Rye

- Provides food for wildlife and humans
- Has an extensive soil-holding root system that helps control erosion
- Suppresses weeds and pests

Lavender

- Has antiseptic and antibacterial properties
- Repels pests
- Creates a fragrant, calming essential oil
- Often used in flower arrangements

Coast Redwood

- Ability to store thousands of gallons of water, making it very drought tolerant
- Captures more carbon dioxide from air pollution than any other tree

Golden Barrel Cactus

- Has a shallow, net-like root system to capture water
- Waxy coating prevents loss of water via transpiration
- Spines protect against predators

Raspberry

- Attracts pollinators
- Provides nutritious food for animals and humans
- Offers shelter for small wildlife

Name the two plants you are combining:

1. _____ **2.** _____

Name the challenge: _____

Illustrate your hybrid below:

In the space below, describe the features of your hybrid and how it will help your community.

_____

Student Name: _____ Student Grade: _____

Teacher Name: _____ Teacher Email: _____

School Name: _____ School Address: _____

School City/State/Zip: _____