

# 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.**

[illegible]

Student Name: \_\_\_\_\_ Student Grade: \_\_\_\_\_

Teacher Name: \_\_\_\_\_ Teacher Email: \_\_\_\_\_

School Name: \_\_\_\_\_ School Address: \_\_\_\_\_

School City/State/Zip: \_\_\_\_\_

# Plant Mash-Up Contest!

## Rubric + Judging Criteria

The rubric below describes a successful project. Plan for success by referring to it throughout your creative process as you outline, write, and edit your work. The contest judges will use these criteria to pick winners. Your teacher may also use this sheet to grade your work.

CRITERIA What does a winning entry look like?	Possible Points	Points Earned
<b>1. Description:</b> How well does the description explain: <ul style="list-style-type: none"><li>the two plant sources of the hybrid</li><li>the community challenge</li><li>the hybrid's features</li><li>how the hybrid will address the identified challenge</li></ul>	40	
<b>2. Drawing:</b> How well does the drawing represent the hybrid? Does the drawing clearly include features from both original plants?	30	
<b>3. Creativity:</b> How creative is the selection of the community challenge, selection of the plant sources, and how the hybrid benefits the community?	30	
<b>TOTAL POINTS</b>	<b>100</b>	