



# CFISD LSA Horticulture Show

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# Why add a horticulture show?

- × Opportunity for students to compete at the show with no speaking requirements
- × Lower budget
- × Smaller time commitment
- × Artistic creative outlet - diversity of projects
- × Bring community attention to the Plant Science pathway

# How do we advertise to students?

Differs from school to school in our district

Cy-Fair: social media + interest meetings prior to plant ownership/entry dates

- × Specifically advertise to Floral/Adv. Floral
- × Strongly suggest to hort. classes - each student starts a plant to potentially show

Also the idea of potential \$\$\$ helps...



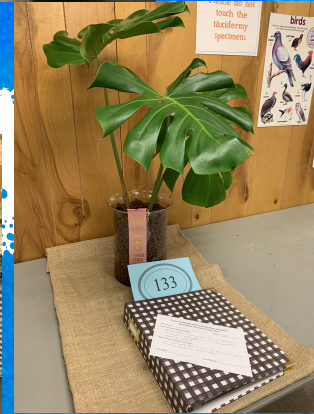
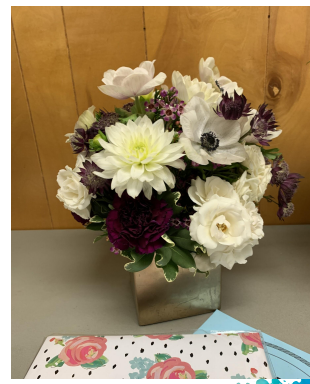
# What does our show look like:

- × 4 Classes
- × Any FFA member/Ag Student is eligible to show
- × Exhibitors can show max 2 projects, each in different classes
- × Students must submit a portfolio (scrapbook) containing minimum of 10 photos showing stages of development w/ descriptions for each entry
- × \*\*Entries may not be of a size larger than the students can personally hand-carry into room in one trip
- × Live Auction/Silent Auction
  - Option to sell in Silent Auction - declare minimum bid at check in
  - Grand Champion & Reserve Champion sell in Premium Live Auction



# What does our show look like:

- × Class 1: Fresh Flower Arrangement
  - Any type of fresh flower arrangement...
- × Class 2: Potted Arrangement/Terrarium
  - Potted arrangement - any type of "dish style" container
  - Terrariums - covered or closed container
  - \*Ownership deadline by Dec. 1
- × Class 3: Potted Plant
  - Any plant grown from seed or cutting between conclusion of previous CFISD show and Nov. 1
- × Class 4: Silk Arrangement
  - Any type of silk design
  - Overuse of accessories will be left up to judges discretion



# How the show is run

× Afternoon, before day of judging - project check in (3 hrs)

× Day of judging:

5:30am - students have the option to check on their projects

\*Class 1 (fresh) can replace any spent product with identical product

7:00am - students must exit & I start prepping for judging:

gather placing lists + comment cards

make sure exhibitor numbers are clearly matched with each project

8:00am - closed judging begins; leave number with judge, check on occasionally to see if they need anything (water/lunch)

Judge texts/calls when finished. Take placings + judge to auction block

Awards ceremony - announce winners

\*\*Immediately after awards, students move their projects from portable building to silent auction area



# Portfolios:

**Horticulture Class 3 Project Entry**

**Plant Grown from Cutting**  
**-Monstera deliciosa-**

**By: Jordan Wright**  
**Cy-Fair High School**

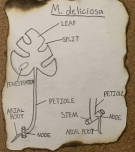



**About Monstera deliciosa**

**Background**  
Monstera deliciosa is classified as an aroid. Aroid is the common name for members of the Araceae family of plants, sometimes known as the Philodendron or "Climber" family. These plants are known for their exotic and extravagant foliage. Monstera is often referred to as the "Swiss cheese plant" or "split leaf plant".

**Location**  
These unique looking plants are most typically found growing in tropical environments and enjoy humidity and warm temperatures. They can be found in nature growing along river or even climbing up a tree.

**Propagation**  
Through propagating these plants, you can grow an entirely new plant from a single cutting. A cut must be made before and after a node on the stem of the mother plant. On more established plants there may even be an aerial root already forming from the node.

**Materials and Costs**




**Monstera deliciosa Cutting- Free (Donation from The Flora Culture)**

**Sawed Fertilizer- Free (Donation from instructor)**

- Full Spectrum Grow Light- \$22.95
- Clay Leca- \$23.63
- Smart-Plug Timer- \$9.99
- Glass Mason Jar- \$0.99
- Medium Glass Container- Free (loaned by instructor)
- Small Glass Container- \$3.99





**October 15<sup>th</sup>, 2020**

I noticed that there were some additional roots growing from the dried aerial roots and decided that I would probably require a slightly larger container. My instructor also advised me to add some liquid fertilizer to the water to provide some nitrogen to the cutting. I filled the new container with water and added 2 teaspoons of dissolved liquid fertilizer. Around this time, the outdoor temperature were a bit more consistent, and I decided to move the cutting to a new location that was receiving indirect light from a window. I also decided to introduce a full-spectrum grow light to account for the decrease in amount of light the leaves would be receiving.






**October 31<sup>st</sup>, 2020**


Upon inspection of the cutting, the leaves were starting to turn brown, dark green and it appeared as though the plant was dying. I decided to discard that there were some secondary roots growing from the primary roots seen in the previous pictures. The cutting remained in the jar under a grow light that ran for 12 hours a day and the temperature lowered around 10 degrees but to the vibrant extent I liked, the next day.



**November 6<sup>th</sup>, 2020**



After letting the roots establish further in the water, it was time to add a more solid growing medium to further promote the growth of roots from the cutting. Upon researching, I discovered a method by the name of "Hydroponics". In this method of rooting, a cutting is placed in a container with a solid growing medium with spaces of air for roots to grow. After comparing couple options, I decided to use clay leca balls to further promote the root growth of my cutting. I placed roughly 2 inches of clay balls in the bottom of a new, larger container and then placed the cutting in the container. After doing so, I gently filled the remainder of the container with the clay balls and added water as the final step. The cutting then went back into the garage under the grow light where it would continue to push out new roots.



**December 4<sup>th</sup>, 2020**

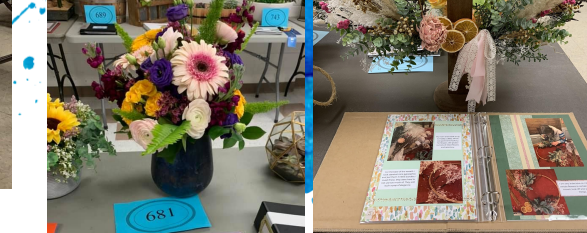



For the following weeks after the nitrogen treatment, I occasionally topped off the vase with fresh water to allow for the nitrogen concentration to remain fairly stable within the container. I also inspected and found that there were even more secondary roots growing from the primary roots and that there was even suberosed new roots growing from the node of the cutting. The cutting remained in the temperature stable garage and was receiving 14 hours of full spectrum light each day.

# Silent Auction

- × In person & online through Show Works
  - × First time online silent auction last year - Show Works was great
    - Opened online silent auction morning after awards & had tablets at in-person sale on Saturday for bidding
- × If moving locations, students or student's teacher moves project - liability
- × If projects don't sell at end of auction, student takes home
- × \*Get a silent auction committee...







<https://www.flowertrendsforecast.com/>

# Class 1: Fresh Flower Arrangement

Any type of fresh flower arrangement...

\*Day of judging, you are allowed to replace damaged/wilted materials



## Class 2: Potted Arrangement/Terrarium

Dish garden - must be in a dish-type container

Terrarium - covered/closed container

\*Live Materials must be property  
of exhibitor by Dec. 1\*



## Class 3: Potted Plant

Must be planted from seed or cutting between the conclusion of the previous CFISD Livestock Show and November 1, 2020

**\*Must be planted/propagated by Nov. 1st**



# Class 3: Potted Plant - propagation ideas

Avocado, Celery, Pineapple, potatoes, garlic, etc

<https://www.simplehouseholdtips.com/foods-you-can-regrow-from-kitchen-scrap.html>

## Lavender or Rosemary

<https://www.gardenersworld.com/how-to-grow-plants/how-to-take-lavender-cuttings2/>



<https://www.gardeningknowhow.com/garden-how-to/propagation/seeds/seeds-that-sprout-fast.htm>

<https://getbusygardening.com/easiest-seeds-to-start-indoors/>



*\*Herbs would also be a really cool project to start from seed!*

*\*stay away from most vegetables/fruit...to produce they require pollination, which slows down during winter months. This could be done by hand if the flowers allow that..*

## Azalea & Hydrangea

<https://www.gardeningknowhow.com/ornamental/shrubs/azalea/propagating-azalea-cuttings.htm>



# Class 4: Silk Floral Arrangement

Arrangements must be made of silk flowers & foliage.  
Overuse of accessories will be left up to the judge's  
discretion.

*\*Invest in your materials...*

*\*Home decor\**



*The likelihood of something like this winning isn't that great...*

*All items should be considered sellable, like what anyone could buy at a nice boutique.*



# Class 2 & 3: Pots & Containers for Show!

All potted plants and arrangements must be in eye-appealing, pretty containers!

Something that buyers want to buy!



Planter Ideas