

FFA Career Development Events



Nursery & Landscape and Floriculture



CDEs take place at the FFA Leadership Training Center

Floriculture Tuesday, March 12, 2024

Identification of Plants and Equipment

Thirty-five (35) live plants and fifteen (15) actual equipment/supplies will be displayed to identify.

RESOURCES: FFA Floriculture Plant and Equipment & Supply lists

Identifying & Controlling Plant Disorders *(High School only)*

Part hands-on and part written activity where the student will identify pests and disorders and recommend control measures. They will also evaluate indoor plants to determine what issues may be at work.

RESOURCES: Chapter 15 “The Horticulture Professional” textbook – Interior Plant Selection/Maintenance
Floriculture Plant Disorders.doc

Plant Soil Water Relationships

Part hands-on and part written activity with samples, scenarios and questions on the effect soil, water, temperature and light have on foliage plants in an indoor environment. Be prepared to identify potting media and test pH.

RESOURCES: Chapter 15 of “The Horticulture Professional” textbook – Interior Plant Selection/Maintenance

Production – Asexual Propagation *(High School only)*

Hands-on activity where students conduct one or more forms of asexual propagation. It will include identifying different propagation methods as well as determining the best propagation method for each particular plant.

RESOURCES: Chapter 11 of “The Horticulture Professional” textbook – Plant Propagation, pages 320-332

Floral

Participants will create a piece of wearable art: either a boutonniere or corsage.

RESOURCES: Boutonniere Basics and Corsage - You Tube Videos

<https://www.youtube.com/watch?v=qzcXLEWSZFQ>

<https://www.youtube.com/watch?v=ep6foDM9mVQ>

Nursery & Landscape Wednesday, March 13, 2024

Identification of Plants and Pests

Thirty (30) live plants and fifteen (15) photos of pests will be displayed to identify.

RESOURCES: FFA Nursery & Landscape Plant and Pest lists

Irrigation Equipment

Students will be presented with irrigation components, systems and scenarios and asked to determine the use of each, especially as it relates to water conservation and sustainable landscaping.

RESOURCES: Water Conservation You Tube: <https://www.youtube.com/watch?v=Zk1r269sKTA>

Anatomy of a Sprinkler System You Tube: <https://www.youtube.com/watch?v=lbaJRLGW-Xo>

Basic Irrigation Components You Tube: <https://www.youtube.com/watch?v=uNFYzpGy6eo>

Site Evaluation *(High School only)*

Students will be presented with an actual landscaped site and asked to determine whether it has been maintained according to its function.

RESOURCES: Site Inspection Checklist You Tube: <https://www.youtube.com/watch?v=kqwJHqa9yGc>
SiteEvaluation.doc

Production – Potting Nursery Stock

Participants will pot nursery stock, the type to be determined. Be familiar with planting plugs into small containers and using multiple plugs to create a dish garden.

RESOURCES: Growing from Plug Plants You Tube: <https://www.youtube.com/watch?v=ZZlvRPOLBfo>

Unboxing Proven Winners Plugs You Tube: <https://www.youtube.com/watch?v=i9Diix6rXC8>

Plant Soil Water Relationships *(High School only)*

Part hands-on and part written activity with samples, scenarios and questions on the effect soil and water have on plants in an outdoor landscape environment. Be prepared to identify soil amendments and test pH.

RESOURCES: Chapter 4 of “The Horticulture Professional” textbook – Plant, Soil and Water Relationships pages 83-94 and 105-110 and 113-119.

Merry Mott or Gary Weitermann

FNGLA Industry Certifications

1533 Park Center Drive, Orlando, FL 32835

mmott@fngla.org

gweitermann@fngla.org

407-295-7994

