



**Youth Educational Challenges
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Overview

1. The Youth Educational Challenges will be Wednesday, October 16, 2019 at the Sunbelt Ag Expo
 - a. Time slots are available online from 8:45 am – 1:00 pm
 - i. Register Early! Time slots will be filled on a first come, first serve basis.
When time slots are full, they are full.
 - b. All participating students will receive lunch compliments of Agri Supply Company and Coke.
 - c. An awards ceremony will be held in the RW Griffin Building at 2:00 pm
2. Challenges are open to any student, 6th – 12th grade
 - a. Students may participate as a member of an FFA or 4-H chapter or as a student unaffiliated with any youth organization.
 - b. There will be a Junior Division (6th – 9th grade) and a Senior Division (10th-12th grade).
3. Students will compete as individuals. A team is not required.
4. Students are eligible to compete in as many of the challenges as they are able to fit into their schedule for the day.
5. There will be 6 content area competitions with a Junior and a Senior Divisions.
 - a. Floral Design
 - b. Ag Mechanics Tool ID
 - c. Animal Science ID
 - d. Horticulture ID
 - e. Forestry ID
 - f. Wildlife ID

6. Awards will be given to 1st-3rd place in each content area in Junior and Senior Divisions.
 - a. Additional awards
 - i. The county or club with the most participants
 - ii. The county or club with the best overall combined finish
 - iii. The state with the best overall combined finish / average
7. Students are required to register online for the contests by October 8th. Please visit the Youth Educational Challenge page on the Sunbelt Ag Expo web site, <http://sunbeltexpo.com/highlighted-events/yeo/> for detailed instructions on how to register.
 - a. An ag teacher or agent may register multiple students when purchasing online tickets for the Expo or students may register themselves.
8. All Challenges are free, except the floral design challenge which will require a participation fee of \$10 per student.
9. Students are NOT required to wear official dress. Comfortable, yet appropriate, respectable clothing is recommended.
10. For the purpose of studying, students may use any reference they so choose. In addition, it is recommended that students consult sources listed on the Georgia Ag Ed web site, www.gaaged.org, regarding similar categories associated with CDE competitions.
11. Regarding Scoring:
 - a. Because there will only be one part to each challenge, participant scores will be the sum of the answers they get correct.
 - b. In the case of a tie,
 - i. (1) there will be tie breaker questions at the end of the required questions that will only be used for breaking ties.
 - ii. (2) Individual questions within the challenge will be determined in advance as tie breakers.

Challenges

Floral Design

1. Rules
 - a. The challenge will consist of 1 part (100 pts)
 - i. The student will be asked to make one floral design arrangement using only materials provided to the student before the start of the event. Students must bring their own pencil, clipboard, calculator, bucket, and floral design tools. No graphing or programable calculators will be allowed. A scenario and description of how the arrangement will be

- displayed will be made available to the student at the beginning of the event.
- ii. No one will be allowed in the creation area except the student and the officials.
 - iii. The student will have 30 minutes to complete the arrangement. The design should link to the scenario provided.
2. The challenge will be held at 10:00 in the International Business Center.
 3. The cost to participate in this challenge is \$10 per student.
 4. Scoring will be based on the arrangement created by the student. A student can earn up to 5 points in each of the following areas.
 - a. Category Interpretation
 - b. Balance
 - c. Color
 - d. Creativity
 - e. Depth
 - f. Focal Emphasis
 - g. Line
 - h. Mechanics
 - i. Scale
 - j. Unity

Ag Mechanics Tool ID

1. Rules
 - a. The challenge will consist of 1 part (100 pts)
 - i. Using pictures provided during the challenge, students will be required to identify tools associated with ag technology and equipment.
 - ii. No one will be allowed in the challenge area except the student and the officials.
2. The Challenge will be held in the RW Griffin Building
3. This is a free event.

Animal Science ID

1. Rules
 - a. The challenge will consist of 1 part (100 pts)
 - i. Using pictures provided during the challenge, students will be required to identify livestock and breeds associated with each specie.
 - ii. No one will be allowed in the challenge area except the student and the officials.
2. The challenge will be held in the RW Griffin Building
3. This is a free event

Horticulture ID

1. Rules

- a. The challenge will consist of 1 part (100 pts)
 - i. Using pictures provided during the challenge, students will be required to identify plant material, equipment and supplies associated with nurseries, landscaping, horticulture, and floriculture.
 - ii. No one will be allowed in the challenge area except the student and the officials.
2. The challenge will be held in the RW Griffin Building
3. This is a free event

Forestry ID

1. Rules
 - a. The challenge will consist of 1 part (100 pts)
 - i. Using pictures provided during the challenge, students will be required to identify equipment used by foresters, different varieties of trees, tree disorders associated with insects, diseases, hazards, and invasive species.
 - ii. No one will be allowed in the challenge area except the student and the officials.
 2. The challenge will be held in the RW Griffin Building
 3. This is a free event

Wildlife ID

1. Rules
 - a. The challenge will consist of 1 part (100 pts)
 - i. Using pictures provided during the challenge, students will be required to identify equipment used by wildlife professionals, different varieties of plants, shrubs and trees, and native wildlife species.
 - ii. No one will be allowed in the challenge area except the student and the officials.
 2. The challenge will be held in the RW Griffin Building
 3. This is a free event

