

Demonstrations or Illustrated Talk – Category Definitions

A “show and tell” presentation in a specific curriculum area, using posters and illustrated visual aids to communicate presentation content. Demonstrations or talks are presented at the county level and then may proceed on to district and state level competitions’. Guidelines can be found on the demonstrations and talks page.

Science and Technology

Mechanical, Electronic Science, Petroleum Power, and Small Engines

Includes all presentations related to general engineering, bicycle maintenance and mechanical operations, automotive, electronics, aerospace/aviation, and computers. Also, all presentations related to use and conservation of petroleum-based fuels and the selection, care, and operation of small engines.

Regional/National: National 4-H Engineering, Science and Leadership Event

One youth in Electrical Energy, one youth in Computers, two youth in Rocketry, one youth in Small Engines/Petroleum Power and one youth in Welding can participate at the National Event. There are no team competitions at the National Event in this category.

Plant Sciences

Plant Connections

Includes all demonstrations related to production and marketing of fruits, vegetables, flowers, turf, ornamental, field crops, forage, landscaping, greenhouses, propagation, soils, hanging baskets, bulbs, citrus, and harvesting or processing crops, such as hay or silage. Artistic arrangement demonstrations may be given in the Leisure & Performing Arts category.

Workforce Preparation and Career Development

Workforce Preparation and Career Development

Includes all presentations related to career exploration, preparing for a career, and entrepreneurship.

Healthy Lifestyles

Food Preparation

Includes all presentations involving preparation of food for human consumption. Demonstrations should show the steps involved in preparation of the food including food handling and measurement techniques. In an effort to support current Dietary Guidelines, a focus on preparation of food items moderately low in fat, sodium, and sugar is recommended. Although safe food handling practices should be used in all demonstrations, presentations that emphasize food safety topics and issues should be entered in the Food Science and Safety Category.

Food Science, Food Safety, and Nutrition

Includes all presentations related to food science, food safety, and nutrition that do not involve food preparation. Suggested topics include nutrient needs, nutrition in the life cycle (e.g., for infants, teens, or the elderly), dietary guidelines, food guide pyramid, nutrition and fitness/sports, hunger and malnutrition, food labeling, cultural food patterns, vegetables, fruits, meat, poultry, fish, dairy foods, and other foods and nutrition topics. Also includes new technologies, food processing and food preservations, chemical food safety, food chemistry and food composition, safe food handling and microbiological food safety.

Health and Safety

Includes all presentations related to general health education (i.e. coping with stress, first aid, substance abuse, self-help skills, physical fitness, dental care, healthy lifestyles, sex education, immunizations, and prevention of disease). Also includes all presentations dealing with accidental safety hazards including demonstrations in disaster preparedness or home environmental health (i.e. mold, radon or other hazards).

Family and Consumer Sciences

Child and Human Development

Includes all presentations related to human growth, development, lifespan, personality and character development, and other interpersonal relations. These topics might include infant development, child development, baby sitting, nuclear families, self-esteem, step-families, family communication, parent-adolescent communication, single-parent families, teen parents, coping with crises, marriage in today's world, adult children, and aging.

Consumer Education and Money Management

Includes all presentations related to comparison shopping, sales approaches, advertising, consumer rights and responsibilities, labeling, credit, money management, banking, investment savings, and time management.

Clothing and Textiles

Includes all presentations related to clothing design, selection, buying, care, construction, textiles, accessories, personal appearance, and grooming.

Environmental Education

Earth Sciences

Includes the areas of energy, earth science, astronomy, waste management, and water quality/conservation.

Natural Resources

Includes the areas of forestry, marine and aquatic science, wildlife ecology, and entomology (including Wings). Also includes the areas of shooting sports, archery and riflery, and sport fishing.

Communication and Expressive Arts

Leisure & Performing Arts

Includes all aspects of leisure activities and recreation, including cycling, music, clowning, arts & crafts, cake decorating, floral arranging, wood working and metal crafts.

Communication & Media Arts

Includes the "topic" of public speaking, American Sign Language and other forms of communication, all phases of photography, graphic arts, computer graphics, video

and other current technologies used in communication media.

Civic and Leadership Development

Civic and Leadership Development

Includes all presentations related to citizenship, community service programs, and leadership.

Animal Sciences

Animal Industry

Includes all presentations related to beef cattle, dairy cattle, swine, layer, broilers, turkeys, rabbits, meat goats, dairy goats, quail, duck, geese and ratite. Topics can include production systems relating to genetic selection, feeding management, health management, reproductive management and marketing; processing systems relating to converting or utilizing live animals to create food products such as milk, eggs, meat and other products; and wholesale, retail and food service merchandising of animal products. No equine related topics will be accepted in the category.

Small Animal and Pets

Includes all presentations related to dogs, cats, rabbits (not related to meat production), rodent pets, and other pets, including pet facilitated therapy in nursing homes, etc.

Horse

Includes all demonstrations pertaining to horses.

- The top two teams are eligible to participate in the Southern Regional 4-H Horse Championships (location rotates between several states).
- The winning team at the State Competition will be eligible to represent Florida at the Eastern National 4-H Horse Roundup in Louisville, Kentucky in November. First place individual receives \$150 and the first place team receives \$250.