

OHIO CAREER DEVELOPMENT EVENTS
Northwestern (Sentinel)
Northeastern (Maplewood JVS)
Southwestern (MVCTC)
(refer to CDE Schedule for dates of events)

SKILLS CLASSIC-Effective August 1, 2009

Purpose

To allow special population students the opportunity to compete against other students of the same ability level in specific agricultural related skills.

Date

Spring: Set annually by the Agricultural Education Service Location set annually by the Agricultural Education Service State

Northwestern (Sentinel)

Northeastern (Maplewood JVS)

Southwestern (MVCTC)

(A School can only participate in one of the above)

CDE Rules

1. Each school may enter a maximum of two qualified individuals per CDE area.

2. Each school may enter all CDE areas. Each student may enter two (2) areas.

The fee is \$10.00 per student, but each student may participate in two (2) sections of the CDE.

3. Eligibility is open to students who are identified as academically disadvantaged or handicapped as defined below:

a. Academically handicapped refers to persons who:

1) lack reading and writing skills

2) lack mathematical skills

3) perform below grade level

b. Handicapped refers to persons in one of the nine below categories:

1) Deaf

2) Hard of Hearing

3) Mentally Challenged

4) Orthopedically Impaired

5) Other Health Impaired

6) Seriously Emotionally Disturbed

7) Specific Learning Disability

8) Speech or Language Impaired

9) Visually Handicapped

c. Consult the Vocational Education Secondary Unit Funding Procedure Manual for a detailed description of the above mentioned handicaps. This manual is sent annually to all school superintendents.

4. Teachers who have eligible students whom are identified as academically disadvantaged must send a letter to the CDE coordinator stating the student's name, program, area to participate in and signed by a school administrator.

5. Teachers who have eligible students who are identified as handicapped must send a letter to the CDE coordinator stating the student's name, program, area to participate in and signed by a school administrator.

6. Specific CDE areas may be cancelled due to inclement weather.

CDE Format

1. There will be fifteen CDE areas which include:

a. Assembly procedures

b. Flower and vegetable identification

c. Corsage Making

d. Hand lawn mowing

- e. Job application and interview
- f. Painting and ladder safety
- g. Personal finance
- h. Commercial/walk behind mower operation
- i. Small engine parts identification
- j. Tractor operation
- k. Tree transplanting
- l. Animal Care
- m. Meats Identification
- n. Natural resources Identification
- o. Aquarium Management

(specific contest rules for each of the above areas are listed on the following pages).

Awards

1. Individual

The top two individuals in each of the fifteen CDE areas will receive a plaque indicating their respective placement. (Per each Skills Classic CDEs)(tree transplanting will have a first and second for each of the team members, 4total)

2. Team

Team scores will be calculated based on the highest 7 individual placing in any of the fifteen events areas. The formula to be used is as follows:

- 1st individual = 10 points
- 2nd individual = 9 points
- 3rd individual = 8 points
- 4th individual = 7 points
- 5th individual = 6 points
- 6th individual = 5 points
- 7th individual = 4 points
- 8th individual = 3 points
- 9th individual = 2 points
- 10th individual = 1 point

The top five teams will receive a team banner and the 6th through 10th place teams will receive a team plaque.(per Southwestern, Northeastern, and Northwestern CDEs)

Area #1

ASSEMBLY PROCEDURES

Purpose

This area will allow contestants an opportunity to demonstrate their ability to: read assembly directions, read assembly diagrams, organize an assembly process, solve problems, practice the correct use of hand tools, practice safe work habits and to correctly assemble a piece of equipment.

Procedure: Each contestant will:

1. Be assigned a work space, safety equipment, a working diagram, hand tools, a parts list, and a piece of equipment to assemble a product such as a sprayer, a rabbit feeder, a hose connector, etc.
2. The items of products to be assembled will be selected by the host advisor far enough in advance of the CDE for inclusion into the curriculum.
3. Time limits for assembly activities should be established in advance of the CDE after field testing.
4. Hand tools, working diagrams, assembly instructions, and safety equipment should be predetermined well in advance of the contest and be kept uniform throughout the CDE. All materials, parts, diagrams, and tools and safety equipment will be provided by the teacher in charge of the CDE area.

Area #2

FLOWER AND VEGETABLE IDENTIFICATION

Purpose

This area will allow contestants an opportunity to demonstrate their ability to identify flower and vegetable plants.

CDE Rules

Contestants will be timed by the judge. A maximum of ten (10) minutes will be allowed for this part of the CDE.

Procedure

1. Students will be responsible for identifying the plants listed on the scorecard.
2. The plants will be numbered and placed on tables.
3. The contestant will write the number in the blank space next to the name of the plant identified.
4. Only one contestant will be in the identification area at a time.

FLOWERS AND VINES

Ageratum
Begonias
Boston Fern
Celosia
Coleus
Dahlias
Dusty Millers
English Ivy
Geraniums
Impatiens
Jade
Marigolds
Petunias
Philodendron
Portulaca
Salvia
Snapdragons
Vinca Dwarf
Wandering Jew
Zinnias

FRUIT AND VEGETABLES

Broccoli
Cabbage
Cantaloupe
Eggplant
Peppers
Tomatoes
Watermelon

Scoring

1. The student with the most correct answers will be the winner. If there is a tie, the student with the best time will be recognized as the winner.

Area #3**(FLORICULTURE) CORSAGE MAKING****Purpose**

The floriculture CDE will allow contestants to demonstrate their ability in identifying tools, materials, design greens, and cut flowers used in the retail floriculture industry. Contestants will also demonstrate their ability to construct a three flower corsage using basic principles practiced by the floriculture industry.

CDE Rules

1. A maximum of 10 minutes will be allowed for each contestant in the **Part A Practicum.**
2. A maximum of 30 minutes will be allowed for each contestant in the

Part B Practicum.

3. Each contestant will be timed in both parts.

Procedure for Part A Practicum

1. One contestant in the contest area at a time.
2. Tools, materials, design greens and cut flowers will be numbered and placed on tables.
3. The student will be responsible for identifying all items on the scorecard.
4. The contestant will write the number in the blank space on the score card next to the name of the item to be identified.

Procedure for Part B Practicum

1. Tools, materials, design greens and cut flowers will be available at the contestant's work station.
2. The contestant will construct a three flower corsage incorporating the following steps.
 - a. Wiring and taping all parts
 - b. Assembling parts
 - c. Misting a corsage
 - d. Pinning a corsage
 - e. Bagging a corsage
 - f. Boxing a corsage

Part A-Identification:

Boutonniere
 Box Wood
 Carnation (miniature)
 Carnation (standard)
 Chrysanthemum (pompom)
 Chrysanthemum (standard)
 Corsage pin
 Daffodil
 Eucalyptus
 Floral shears
 Floral Tape
 Florist ribbon #3
 Florist ribbon #40
 Florist ribbon #9
 Florist wire #22
 Florist wire #9
 Gypsophila (baby's breath)
 Huckleberry
 Leatherleaf Fern
 Orchid
 Ribbon scissors
 Rose (standard)
 Rose (sweetheart)
 Statice
 Toule
 Tulip
 Waterproof tape
 Wire cutters

Part B-Items evaluated and possible score: Each worth 5 points maximum

Assembly
 Bag
 Balance
 Bow
 Box
 Design
 Misting
 Pin
 Taping
 Tuff

Scoring-Scores from part A and B will be added. Contestants with the highest score will be recognized as the winner. In

case of a tie, the contestant with the best time will be recognized as the winner.

Materials- All materials, parts, diagrams, and tools and safety equipment will be provided by the teacher in charge of the CDE area.

Area #4

HAND LAWN MOWING

Purpose

This area will allow contestants an opportunity to demonstrate their\ capability in safety and efficiently using a hand lawn mower.

Procedure

1. Each contestant will:
 - a. Make pre-operation checks of oil, gasoline, cutting height, blade sharpness, and starting procedures.
 - b. Safely and efficiently mow a designated area.
 - c. Trim the area either prior to or after mowing.
 - d. Pre-check the area for trash, hazards, and obstacles.
2. A time limit of thirty minutes will be allocated for this CDE area.

Area #5

JOB APPLICATION AND INTERVIEW CONTEST

Purpose

This area will allow contestants an opportunity to demonstrate how to participate in a job interview and to demonstrate the oral and written skills needed when applying for a job.

CDE Rules

1. Participants must bring a typed resume with them to the event. Participants who do not will be disqualified.
2. There will be no observers present during the CDE.

Procedure

Each participant will apply for a position in only one of the following areas, in keeping with their occupational objective.

PRODUCTION AGRICULTURE

Farm worker

ANIMAL CARE

Dog kennel worker

Dog groomer

Pet shop employee

Special animal production worker (mink, rabbits, chinchillas)

Equine care employee

AGRICULTURE SUPPLY AND SERVICE

Feed, seed and fertilizer employee

Hardware employee

Farm supply store employee

Custom farm services employee

Livestock auction services employees

RESOURCE CONSERVATION

Park maintenance employee

Tree service worker

Wildlife assistant

Fish hatcheries employee

AGRICULTURE MECHANICS

Small engine mechanic

Large equipment mechanic

Parts counter person

AG PRODUCTS PROCESSING

Butcher

Meat cutter

Meat wrapper
Produce clerk
Dairy clerk
Egg processing worker
Juice and soft drink processing worker
Fruit and vegetable processing worker

HORTICULTURE

Florist shop employee
Greenhouse worker (vegetable and ornamental)
landscaper Nursery worker
Golf course worker
Garden center worker
Fruit and/or vegetable production worker

1. Each participant will prepare a typed personal resume, not to exceed one page 8 1/2" x 11." This must be prepared in advance of the contest.
2. When the participant is called, the participant will approach the receptionist as though applying for a job in the occupation of the participant's choice.
3. Each participant will complete an employment application in the presence of the receptionist. Personal data cards may be used. An application will be provided at the time of the event.
4. Each participant will have a maximum of 15 minutes to complete the application before submitting the completed resume and application to the receptionist.
5. After receiving the application and resume, the receptionist judge will rate the participant, the application, and resume. The receptionist will introduce the participant to the personnel director judge and will give the personnel director judge the participant's application and resume.
6. The personnel director judge will carry out a simulated interview and rate the participant.
7. After the interview, the participant will return to the reception area and compose an interview follow up letter. The participant will have a maximum of 15 minutes to complete the follow up letter and envelope.
8. As the participant leave, they will give the receptionist judge the follow up letter and envelope for evaluation.

Area #6

PAINTING AND LADDER SAFETY

Purpose

This area will allow the contestant an opportunity to demonstrate their capability to prepare a surface for painting, use painting tools, paint a surface, clean up a painting area and use a ladder.

CDE RULES

The contestants will furnish their own paintbrushes, wire brushes, clothing, stirring sticks, putty knives, and scrapers. The contest host will furnish extra cans, paint, masking tape, ladders, etc. A time limit of thirty minutes for preparation, and thirty minutes for painting will be allocated. Clean up time shall be unlimited.

Instructions to the Judges

1. Safety: Score on use of safety glasses, scrapers, putty knife, and clothes.
2. Ladder Inspection: Score on basis of percent of bad areas found.
3. Ladder Erection: Score for control, angle, distance of base from wall, safety, and speed in climbing up and down, and control in taking down. Subtract points if ladder is dropped.
4. Use of Tools: Score for tool maintenance, safety, care of tools, clean up of tools, and efficiency in use of tools.
5. Surface Preparation: Score for surface preparation including the students ability to clean, remove material, fill holes, and assure surface smoothness.

Area #7:**PERSONAL FINANCE****Purpose**

The personal finance CDE area allows the contestant to demonstrate their banking skills as well as skills in making change.

CDE Format

The student will demonstrate the following skills:

1. Computing checkbook balances.
2. Writing checks and recording them in a checkbook ledger.
3. Writing checking account deposit slips and recording them in a checkbook ledger.
4. Balance and reconcile a checkbook ledger with a bank statement.
5. Identify the value of various coins and groups of coins.
6. Compute change for purchases.
7. Use an Ohio Retail Sales Tax Schedule to compute sales tax for purchases.
8. Compute and count out change for purchases.

Materials

All materials will be furnished including a test, worksheets, pencils, paper, and fake money.

Pocket calculators will be permitted.

Time Limit Fortyfive (45) minutes will be permitted to take the test.

Scoring

Scores will be computed on a percentage basis.

Area #8**SELF-PROPELLED MOWER****Purpose**

This area will allow the contestant an opportunity demonstrate skills in safe and efficient use of a self propelled mowers.

CDE Format

1. Each student will:
 - a. Safely and efficiently mow a designated area using a self propelled mower.
 - b. Make pre-operation checks of oil, gas, lubrication, battery, water and tire inflation.
 - c. Check the lawn area for obstacles, trash, and any dangerous areas.
2. Each student will have 45 minutes to complete this task.
3. Students will not have to rake up and remove clippings as part of this contest area.

Area #9**SMALL ENGINE PARTS IDENTIFICATION****Purpose**

The part identification area allows the contestant to demonstrate their ability to identify small engine parts.

CDE Rules

1. Each contestant must be a member of a special agrimechanics class.
2. Each contestant will correctly identify all parts or components of a 3 ½ H.P. Briggs and Stratton vertical shaft engine.
3. Contestants will walk by benches with numbered parts and match the contest part number with the correct name

of the part on the scorecard.

Parts to be identified:

air cleaner
assembly
blower housing and rope starter
breaker point cover
breaker points
breather tube
cam shaft and gear assembly
carburetor assembly
carburetor control plate
clutch assembly for rewind starter
condenser
connecting rod
connecting rod bearing cap
connecting rod screw
connecting rod screw lock
crank case gasket
crank shaft
cylinder head
cylinder head gasket
engine crank case
exhaust valve
flywheel and magneto rotor assembly
flywheel nut
flywheel nut lock washer
fuel tank assembly
governor blade
governor link
governor spring and link assembly
Ignition and magneto armature
intake plug
intake valve
muffler
oil seat
oil slinger gear assembly
oil sump
piston
piston rings
spark plug
starter pulley screen
sump oil seal
tappet cover and breather
valve spring
valve spring retainer
valve tappet
wrist pin
wrist pin retainer clips

Area #10

TREE TRANSPLANTING

Purpose

The tree transplanting area allows the contestant to demonstrate skills and abilities learned in transplanting and planting a tree.

CDE Rules

1. Each school may enter one-two person team.

2. Each team will be given as nearly the same size tree as the other contestants.
3. Each student should supply their own tools.
4. The judges will time the contestants.

Information Needed

1. Selection of tools for balling and planting

- a. Nursery digging spade
- b. Round point shovel
- c. Loppers
- d. Burlap
- e. Nails
- f. Pocket knife
- g. Twine

2. Balling plant

- a. Determine the size of the ball
- b. Dig the plant (procedure)
- c. Place a burlap around the ball
- d. Finish tying the ball
- e. Backfill the hole
- f. Proper nailing
- g. Ball firm

3. Planting tree

- a. Determine the size of the hole to be dug
- b. Place the tree in the hole
- c. Mix soil amendments (if provided)
- d. Backfill the planting hole
- e. Water the tree (basic)
- f. Clean the tools and area
- g. Clean area
- h. Wrap tree trunk
- i. Stake tree
- j. Twine off
- k. Burlap down

Area #11

TRACTOR OPERATION

Purpose

The tractor operation area allows the contestant to demonstrate abilities learned in the operation of tractors used in agriculture, construction and lawn maintenance.

CDE Format

Each contestant will demonstrate the following:

1. Prestart checks of the machine.
2. Proper starting procedures.
3. Proper hitching procedures.
4. Proper operating procedures.
5. Maneuvering a tractor and attached equipment.
6. Unhitching procedures.
7. Parking and dismounting.
8. Safety precautions and procedures.

Operating Course

1. The course will consist of a distance of approximately 2000 feet.
2. Instructions to the operator will appear on stakes regarding: gear selection, throttle setting, and direction of travel.

3. Each contestant will back a two wheeled trailer into a staked off area to within 4 inches of the rear stakes. The staked area will be two feet wider and one foot longer than the trailer. Each contestant will be given three attempts to accomplish this task.
4. The judge will pre-time the course to determine a reasonable time for completing the course. Points will be deducted for excessively slow or fast operation.

Judging the Contest

1. The contestants will walk the course with the judge during which time he will inform them of the directions, and any special features of the course or equipment.
2. Each contestant will start with 100 points.

Points will be deducted for infractions.

AREA #12

ANIMAL CARE IDENTIFICATION

AREA #13

The Skills Classic

Animal Care Event

Identification will be made up of the following using the lists of specimen below, they will either be pictures or actual items-:

All multiple choice NO EXAM

Dog Breeds- 10 specimen

Birds- small – 3 specimen

Birds- large – 3 specimen

Reptiles and Amp.- 5 specimen

Cats- 4 specimen

Rodents- 4 specimen

Rabbits- 4 specimen

Total 33 items worth 3 points each

Dog Breeds:

1. Akita
2. Ala kan Malamute
3. Australian Shepherd
4. Basset Hound
5. Bichon Frise
6. Bloodhound
7. Border Collie
8. Bulldog
9. Bullmastiff
10. Cairn Terrier
11. Cavalier King Charles Spaniel
12. Cocker Spaniel
13. Golden Retriever
14. Havanese
15. Italian Greyhound
16. Mastiff
17. Newfoundland
18. Rhodesian Ridgeback
19. Portuguese Water Dog
20. Whippet

Birds-Small Varieties:

1. Canary (all varieties)
2. Cockatiel
3. Cutthroat Finch
4. Lovebird (all varieties)
5. Parakeet (all varieties)

Birds –Large Varieties:

1. African Gray- Congo
2. Blue and Gold Macaw
3. Orange Winged Amazon
4. Scarlet Macaw
5. Yellow Naped Amazon

Reptiles and Amphibians

1. African WaterFrog
2. Ball Python
3. Brown Anole
4. California King Snake
5. Eastern Box Turtle
6. Common Boa Constrictor
7. Corn Snake
8. Gecko
9. Painted Turtle
10. Red Eared Slider

Cats:

1. Abyssinian
2. Birma
3. Burmese
4. Himalayan
5. Manx
6. Persian
7. Russian Blue
8. Siamese

Rodents and Misc. Animals

1. Chinchilla
2. Hamsters
3. Ferret
4. Gerbil
5. Guinea Pig
6. Hedge Hog
7. Mouse
8. Rat

Rabbits:

1. Californian
2. Dutch
3. Angora
4. French Lop
5. Mini Lop
6. Netherland Dwarf
7. New Zealand White
8. Rex

Dog and Cat Equipment:

1. Bristle brush
2. Buckle collar
3. Cat toy
4. Catnip
5. Comb
6. Dog halter
7. Dog toy
8. Flea shampoo
9. Harness
10. Nail clippers

AREA #13

MEATS IDENTIFICATION

Species	Primal	Retail
Beef	round	round
Beef	brisket	brisket, whole (bnls)
Beef	chuck	arm roast
Beef	chuck	blade
Beef	chuck	mock tender
Beef	chuck	seven (7) bone
Beef	flank	flank
Beef	loin	porterhouse
Beef	loin	t-bone
Beef	loin	top loin
Beef	plate	short ribs
Beef	rib	eye
Beef	round	tip
Beef	round	bottom round (bnls)
Beef	round	heel of round
Beef	round	top round
Pork	ham/leg	center slice
Pork	loin	butterfly (bnls)
Pork	loin	sirloin cutlets
Pork	loin	tenderloin (whole)
Pork	loin	top loin double (bnls)
Pork	shoulder	arm picnic
Pork	side "belly"	slab bacon
Pork	spareribs	spareribs
Pork	various meats	hocks

AREA #14

NATURAL RESOURCES IDENTIFICATION

Use the following to study for the 25 items you will identify.

MAMMALS :

Beaver
Coyote
Deer, Whitetail
Fox
Muskrat
Opossum
Rabbit Eastern Cottontail
Raccoon
Skunk
Woodchuck

NONGAMEBIRDS:

Blackbird, RedWinged
Cardinal
Hawk, RedTailed
Meadowlark, Eastern
Sparrow, House
Swallow, Barn

GAMEBIRDS

Bobwhite, Northern
Dove, Mourning
Goose, Canada
Mallard
Turkey, Wild
Wood Duck

WILDFLOWERS:

Chickory
Clover, Red
Goldenrod
Loosestrife, Purple
Mayapple
Milkweed, Common
Nightshade
Ragweed, Common
Yarrow

FOOD/SHRUBS: SHRUBS:

Dogwood
Sumac

TREES:

Aspen
Beech
Cedar
Hickory
Maple
Oak
Pine

MARSH AND AQUATICS

Cattail
Duckweed
Smartweed

UNDESIRABLES:

Fescue
Multiflora Rose

Purple Loosestrife

REPTILES/AMPHIBIANS FROGS/TOADS

American Toad

Bullfrog

SALAMANDER:

Salamander

Area #15

AQUARIUM MANAGEMENT AT THE SKILLS CLASSIC

Tropical Fish

1. Bala Shark
2. Betta (siamese fighting fish)
3. Black molly
4. Black moor
5. Black neon terra
6. Black tetra
7. Bleeding heart tetra
8. Blind cave fish
9. Blue gourami
10. Cardinal tetra
11. Cherry barb
12. Chinese algae eater
13. Clown loach
14. Comet goldfish
15. Fancy guppy
16. Firemouth cichlid
17. Glass catfish
18. Glow light tetra
19. Green sword
20. Head & tail light tetra
21. Iridescent shark
22. Jack Dempsey
23. Jewel cichid
24. Kissing gourami
25. Kuhli (coolie) loach
26. Leopard cory catfish
27. Lyretail molly
28. Marble angel
29. Marble hatchet fish
30. Marble molly
31. Minnow
32. Neon tetra
33. Opaline gourami
34. Paradise fish
35. Pearl gourami
36. Piranha

37. Plecostomus
38. Rainbow shark
39. Raspbora
40. Red (harlequin)
41. Red cap oranda
42. Red Oscar
43. Red tail shark
44. Rosy barb
45. Sailfin molly
46. Serpae tetra
47. Silver angel
48. Silver hatchet fish
49. Tiger barb
50. Tiger Oscar
51. White cloud mountain
52. Zebra danio

Aquarium Equipment

53. activated carbon
54. air stone (all types)
55. aquarium salt
56. box filter
57. breeding net/trap
58. brine shrimp net
59. check valve
60. diaphragm air pump
61. filter plate
62. flexible airline tubing
63. floating thermometer
64. fluorescent bulb
65. freeze dried brine shrimp
66. freeze dried krill
67. full hood
68. gang valve
69. gravel vacuum cleaner
70. incandescent bulb
71. lift tube
72. liquid crystal (digital) thermometer
73. outside power filter
74. power filter insert
75. power head
76. radiant heater
77. rigid airline tubing
78. stainless steel thermometer

- 79. strip light
- 80. submersible heater
- 81. T-Valve
- 82. under gravel filter
- 83. weekend feeder

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