

6th – 8th Grade Agriscience CDE 2026



Purpose

To promote the growth of knowledge of 6th – 8th grade FFA members within the various areas of agriculture. Eligibility/Rules: This Career Development will be open to 6th – 8th grade members who are enrolled in the agricultural education program at some point during the current school year. A contestant must be an active (dues-paying) member of a chartered FFA chapter in good standing with the West Virginia FFA Association. Members from the team that previously won this 6th – 8th Grade Agriscience Knowledge Career Development Event are ineligible to compete. Each school may send ONE TEAM that meets the above guidelines to participate.

ELIGIBILITY

The participant must be an active member of a chartered West Virginia FFA Chapter and enrolled in grades 6th – 8th. Each chapter may enter one team.

EVENT PROCEDURE

The event will be a team event consisting of four students. A team may compete with less than 4 members. FFA members will wear at minimum a white button-down (short sleeve preferred) shirt, black jeans, and boots.

Under no circumstances will any participants be allowed to handle any of the items in the identification portion of the practicums. Any infraction of this rule will result in team elimination from the event.

No FFA advisors/coaches will be allowed in the area of the contest, but arrangements will be made to view the specimens following the contest.

Contestants will be given 1 min per question for the ID portion of the test.

EVENT MATERIALS

MATERIALS STUDENTS MUST PROVIDE

- Pencils
- Clipboards



INDIVIDUAL PRACTICUMS

IDENTIFICATION

Category A	
Weed Identification	10 pts
Plant Identification	10 pts
Seed Identification	5 pts
Category B	
Breed Identification – Dogs	5 pts
Breed Identification – Cattle and Sheep	10 pts
Breed Identification – Horses and Swine	10 pts
Category C	
Ag Mechanics Tool Identification	25 pts
Category D	
FFA History & Knowledge	25 pts
Total	100 pts

TIE BREAKER:

Score on FFA Knowledge will break tie.

FFA History & Knowledge Questions will come from questions posted on WV FFA website.

Category A – Plant Component – Twenty-Five Points

Part One – Students will be asked to identify ten weeds from the list provided below:

001	Alfalfa
002	Broadleaf Plantain
003	Canada Thistle
004	Chicory
005	Chickweed
006	Crown Vetch
007	Dandelion
008	Goldenrod
009	Ironweed
010	Jimsonweed
011	Johnson grass
012	Lambsquarter
013	Morning Glory
014	Multiflora Rose
015	Orchard Grass
016	Perennial Rye Grass

017	Pokeweed
018	Purslane
019	Ragweed
020	Smartweed
021	Timothy
022	White Clover
023	Wild Carrot
024	Wild Onion

Part Two – Students will be asked to identify ten plants from the list provided below,
Economically Important Plants

025	African Violet
026	Big Leaf Hydrangea
027	Christmas Cactus
028	Coleus
029	Daffodil
030	Day Lily
031	“Decors” Rubber Plant
032	English Ivy
033	Heartleaf Philodendron
034	Impatiens

035	Jade Plant
036	Marigold
037	Pansy
038	Peony
039	Petunia
040	Poinsettia
041	Shasta Daisy
042	Snake Plant
043	Snapdragon
044	Spider Plant
045	Tulip
046	Verbena
047	Wandering Jew
048	Wax Begonia

Part Three – Students will be asked to identify five seeds from the list provided below

	Seeds (LIVE)	
101 Barley	105 Oats	108 Sorghum
102 Corn	106 Rice	109 Soybeans

103 Cotton	107 Rye	110 Wheat
104 Millet		

Category B – Animal Science Component – Twenty-Five Points

Part One – Identification of Cattle and Sheep Breeds Students will be asked to identify a total of ten different breeds from the list below

CATTLE

Beef/Dairy		
151 Angus	155 Charolais	159 Limousine
152 Ayrshire	156 Guernsey	160 Polled Hereford
153 Brahman	157 Holstein	161 Simmental
154 Brown Swiss	158 Jersey	162 Shorthorn
Sheep and GOATS		
163 Cheviot	167 Suffolk	170 Nubian
164 Hampshire	168 Dorset	171 Alpine
165 Leicester	169 Boer	172 Lamancha
166 Rambouillet		

Part Two – Identification of Horse and Swine Breeds Students will be asked to identify a total of ten different breeds from the list below

Swine		
201 Berkshire	204 Hampshire	207 Poland China
202 Chester White	205 Hereford	208 Spotted Poland China
203 Duroc	206 Landrace	209 Yorkshire

Horses		
210 American Paint	213 Belgian	216 Standardbred
211 Appaloosa	214 Clydesdale	217 Tennessee Walker
212 Arabian	215 Quarter Horse	218 Thoroughbred

Dogs		
251 American Cocker Spaniel	255 Border Collie	258 German Shepherd
252 Basset Hound	256 Doberman Pinscher	259 Great Pyrenees
253 Beagle	257 English Setter	260 Welsh Corgi
254 Black and Tan Coonhound		

Category C – Ag Mech. Small Tool Identification – Twenty-Five Points

Students will identify 25 tools from the provided list below

301	Adjustable Wrench	326	Oil Filter Wrench
302	Ball Peen Hammer	327	Open End Wrench
303	Belt Sander	328	Orbital Sander
304	Bolt Cutter	329	Phillips Screwdriver
305	C Clamp	330	Pipe Cutter
306	Calipers	331	Pipe Wrench
307	Carpenter's Square	332	Plumb Bob
308	Channel Lock/Groove Joint Pliers	333	Pry/Ripping Bar
309	Circular Saw	334	Ratchet Handle
310	Cold Chisel	335	Reciprocating Saw
311	Combination Square	336	Ripping Claw Hammer
312	Coping Saw	337	Round File
313	Curved Claw Hammer	338	338 Router (Handheld)
314	Disc Grinder	339	Rubber Mallet
315	Electric Drill	340	Screw Extractor
316	Extension	341	Sledge Hammer
317	Feeler Gauge	342	Slip Joint Pliers

318	Finishing Trowel	343	Soapstone
319	Flat File	344	Sockets
320	Hacksaw	345	Speed Square
321	Hex (Allen) Key	346	Standard Screwdriver
322	Jig Saw	347	Step Bit
323	Level	348	Tap and Die
324	Long Nose Pliers	349	Tape Measure
325	Multimeter	350	350 Torx Screwdriver