
Freshman Agriscience I Quiz Bowl

Career Development Event

GENERAL GUIDELINES

- One team per chapter.
- Each team must have four freshmen (ninth-grade) members.
- Official FFA dress is required.
- Each team must provide their own set of lights.
- Each team must designate a captain.
- The Agricultural Education I, CIMC curriculum, 2005 edition, will be used as the source for all questions and answers.
- Each district is responsible for a play-off system that determines the top five teams to represent that district at the state contest to be held during the State FFA Interscholastics.
- Plaques will be presented to the first- and second-place teams at the state event.

SPECIFIC RULES

- Each game is played in four periods. There will be two Toss-Up (Individual) Rounds and two Lightning (Team) Rounds.
- There will be two officials for each game. The Reader will ask the questions and determine a correct or incorrect answer. The Reader's decision is final and there is no appeal. There will also be a Score/Time Keeper.
- The Reader will immediately stop reading the question when the buzzer sounds and allow the player to answer the question. If the player misses the question, the Reader will repeat the complete question for the other team.
- The team with the highest score at the end of Period One will be given the option of doing the Lightning Round in Period Two or Period Four.
- In case of a tie score at the end of the game, each pair of players will be asked one question in a Toss-Up Round.
- In the Lightning Round, the first answer given is counted right or wrong and cannot be repeated. A question can be passed and then repeated.
- Member substitutions can be made after the first Lightning Round.

PERIOD ONE — TOSS-UP ROUND

- Three questions per pair of players for a total of 12 questions in the Round.

Team A		Team B
Player #1	vs.	Player #1
Player #2	vs.	Player #2
Player #3	vs.	Player #3
Player #4	vs.	Player #4

PERIOD TWO — LIGHTNING ROUND

- A team is given 90 seconds for the reading and answering of 10 questions.
- The team may confer, but the captain must answer each question.

PERIOD THREE — TOSS-UP ROUND

- Three questions per pair of players for a total of 12 questions in the Round.

PERIOD FOUR — LIGHTNING ROUND

- The team that did not play in Period Two is given 90 seconds for the reading and answering of 10 questions.
- The team may confer, but the captain must answer each question.

Quiz Bowl Score Sheet

ROUND # _____

SCORE SHEET

(Each correct answer worth 10 points)

Chapter Name _____

Chapter Name _____

TOSS-UP ROUND ONE

Player **Questions Answered**

#1	1	2	3
#2	1	2	3
#3	1	2	3
#4	1	2	3

TEAM SCORE

TOSS-UP ROUND ONE

Player **Questions Answered**

#1	1	2	3
#2	1	2	3
#3	1	2	3
#4	1	2	3

TEAM SCORE

TOSS-UP ROUND TWO

Player **Questions Answered**

#1	1	2	3
#2	1	2	3
#3	1	2	3
#4	1	2	3

TEAM SCORE

TOSS-UP ROUND TWO

Player **Questions Answered**

#1	1	2	3
#2	1	2	3
#3	1	2	3
#4	1	2	3

TEAM SCORE

LIGHTNING ROUND

Questions **Answered**

1	2	3	4	5
6	7	8	9	10

TEAM SCORE

LIGHTNING ROUND

Questions **Answered**

1	2	3	4	5
6	7	8	9	10

TEAM SCORE

GRAND TOTAL SCORE

GRAND TOTAL SCORE

Part 1	Terms	What term is used to describe the waste from a butchered animal?	offal
Part 1	Terms	What fermented feed is often feed to dairy animals?	Silage
Part 1	Terms	What term is used to describe flightless birds such as ostrich or emu?	Ratite
Unit 1	AGED	What federal legislation established courses in vocational agriculture?	Smith-Hughes Act
Unit 1	AGED	In what year did the National FFA established a web page on the Internet?	1996
Unit 1	AGED	In what year was the National FFA Alumni was established?	1971
Unit 1	AGED	In what year were women admitted into national membership in the FFA?	1969
Unit 1	AGED	In what year was the first National Future Farmer Magazine published?	1952
Unit 10	Poultry	What term is used to describe domesticated birds that are kept for eggs or meat?	Poultry
Unit 10	Poultry	What term is used to describe egg producing chickens?	layers
Unit 10	Poultry	What machine is used to house eggs in a controlled environment until the chicks are hatched?	Incubator
Unit 10	Poultry	What term describes the fluffy feathers that grow under the outer feathers on poultry used for insulation and filling for pillows?	Down
Unit 10	Poultry	What term is used to describe a male goose?	Gander
Unit 11	Parli	What term describes a written account of what happens in a meeting?	Minutes (of the meeting)
Unit 11	Parli	What types of motions are used to stop the proceedings, usually to address questions about procedures?	Incidental Motions
Unit 11	Parli	What type of motion is used to introduce topics to the group for consideration?	Main Motion
Unit 11	Parli	What types of motions are used to introduce special and important matters, even if during the discussion of other motions?	Privileged Motion
Unit 11	Parli	The handbook most notably sighted in assisting organizations with using correct parliamentary law is called what?	Robert's Rules of Order
Unit 11	Parli	Which chapter officer responsible for preparing and posting the agenda for each meeting?	Secretary
Unit 13	AgriBus	What do FFA members use to help track financial information?	SAE Record Book
Unit 14	Soil	What term describes the original matter from which the soil particles are formed?	Parent Material
Unit 14	Soil	What percentage of an average soil is organic matter?	5 percent
Unit 14	Soil	What percent of the soil is mineral matter?	45 percent
Unit 14	Soil	What is another term for organic matter?	Humus
Unit 14	Soil	What are the small spaces between soil particles called?	Pores
Unit 14	Soil	What term is used to describe the classification that groups soils by common characteristics?	Soil Taxonomy
Unit 14	Soil	What are the three main classes of soil texture?	Sand ,Silt, and Clay
Unit 15	Plant	What is the name of the branch of agriculture that deals with raising field crops, such as grains, forages, and fibers?	Agronomy
Unit 15	Plant	What is the name of the branch of agriculture that deals with growing and managing trees that are used to make wood based products?	Forestry

Unit 15	Plant	What term is used to describe sections of turf that include the grass plants and the roots?	Sod
Unit 15	Plant	What term is used to describe a plant that keeps its green color in the winter and loses its leaves a few at a time?	Evergreen
Unit 15	Plant	What term is used to describe the female organ of the flower?	Pistil
Unit 15	Plant	What term is used to describe the male organ of the flower?	Stamen
Unit 15	Plant	What term is used to describe the chemical process that occurs in the leaves where carbon dioxide and water are converted into carbohydrates and oxygen?	Photosynthesis
Unit 16	Safety	What term is used to describe diseases that can pass between species and infect humans?	Zoonoses
Unit 16	Safety	Studies show that 75 percent of the fatalities that result from tractor upsets are from what kind of overturn?	Side overturns
Unit 16	Safety	What name of the condition when parts of the body, such as fingers, toes, and nose, freeze and tissue dies?	Frostbite
Unit 16	Safety	What name of the condition caused by severe loss of body heat that can result in death?	Hypothermia
Unit 17	Mech	What term is associated with situations in a shop that could pose a danger?	Hazards
Unit 17	Mech	What is term is associated with something that is able to ignite easily and burn quickly?	Combustible
Unit 17	Mech	What is associated with the temperature at which a material will burst into flame?	Flash point
Unit 17	Mech	What is described as having a flash point of less than 100' F?	Flammable
Unit 17	Mech	What class of fires that occur in ordinary combustible materials such as wood, rags, and rubbish?	Class A
Unit 17	Mech	What class of fire that occurs in or near electrical equipment such as motors, switchboards and electrical wiring?	Class C
Unit 17	Mech	What safety color identifies both danger and emergency response areas?	Red
Unit 18	welding	What is described as the use of electric current as a heat source to bond metal together by fusion?	Arc Welding
Unit 18	welding	What is the term for a coated metal welding rod?	Electrode
Unit 18	welding	What is the term for the strength of an electric current?	Amperage
Unit 18	welding	What is the term for the main piece of metal to be welded?	Base metal
Unit 18	welding	What is the term for the by-product of the welding process, made of flux and non-metallic impurities?	Slag
Unit 19	oxy-gas	What is the term for the consumption of an element due to combination with oxygen?	Oxidation
Unit 19	oxy-gas	What is the term for using capillary action to bond metals and alloys with material that melts at temperatures at or above 840'F?	Brazing
Unit 19	oxy-gas	What is the term for using capillary action to bond metals and alloys with material that melts at temperatures below 840'F?	Soldering
Unit 19	oxy-gas	What is the term for a combination of two or more metals?	Alloy
Unit 19	oxy-gas	What is the term for a metal that comes from iron ore?	Ferrous metal
Unit 19	oxy-gas	What is the term for a flame with an excess of acetylene in the gas mixture?	Carburizing flame
Unit 19	oxy-gas	What is the term for a flame with an excess of oxygen in the gas mixture?	Oxidizing flame
Unit 2	FFA	According to the FFA Mission Statement, the FFA makes a positive difference in the lives students by developing their potential for premier leadership, personal growth, and what?	Career Success

Unit 2	FFA	The FFA is organized at three levels. What are they?	Local, State, National
Unit 2	FFA	What type of FFA membership is a method of acknowledging individuals who have provided outstanding service to the FFA and agricultural education?	Honorary
Unit 2	FFA	What type of FFA membership is available to all former FFA members, as well as FFA supporters?	Alumni
Unit 2	FFA	What type of FFA membership is reserved for students enrolled at 2-year and 4-year postsecondary schools?	Collegiate
Unit 2	FFA	What symbol of the FFA emblem serves as the foundation of the emblem?	Cross section of an ear of corn
Unit 2	FFA	What crop is used as part of the FFA symbol because it is grown in every state?	Corn
Unit 3	Live	What are the four phases of the livestock industry?	Production, processing, distribution, consumption
Unit 3	Live	What occupation within the Livestock Industry oversees bidding during livestock sales?	Auctioneer
Unit 3	Live	What occupation within the Livestock Industry examines carcasses for signs of disease before distributed to the consumer?	Meat Inspector
Unit 3	Live	What occupation within the Livestock Industry administers medical treatment to sick and injured animals.	Veterinarian
Unit 3	Live	Meat that comes from a sheep older than one year is called what?	Mutton
Unit 3	Live	Meat that comes from cattle is called what?	Beef
Unit 3	Live	Meat that comes from swine is called what?	Pork
Unit 4	Beef	What polled breed of beef cattle originated in Scotland and is solid black with a moderate frame?	Angus
Unit 4	Beef	What horned breed of beef cattle originated in England and is red with a white face, neck, underline, legs, and tail switch?	Horned Hereford
Unit 4	Beef	What breed of beef cattle originated in northern England and is red, white, or roan in color?	Shorthorn
Unit 4	Beef	What breed of beef cattle originated in France and is light red, red-orange, or black and is noted for carcass leanness and having large loin areas?	Limousin
Unit 4	Beef	What breed of beef cattle is gray, red, or black with an unpredictable temperament and is known for their exceptional hardiness?	Brahman
Unit 5	Swine	Which state has long been the country's largest producer of swine?	Iowa
Unit 5	Swine	What breed of swine has drooped ears and is solid red in color with no white on their body?	Duroc
Unit 5	Swine	What breed of swine has a black body with a broad white "belt" that encircles the shoulders, including the front legs and front feet?	Hampshire
Unit 5	Swine	What breed of swine has an all white body with drooping ears?	Chester White
Unit 6	Sheep	The fine wool sheep breeds of today originated with what breed which was developed more than 1,200 years ago?	Spanish Merino
Unit 6	Sheep	What country produces one-third of the world's supply of raw wool?	Australia
Unit 6	Sheep	What is the second most common breed of sheep in the U.S.?	Dorset

Unit 7	Dairy	What is the name of the process in which milk is heated in then rapidly cooled to kill harmful bacteria?	Pasteurization
Unit 7	Dairy	What is the name of the process in which the fat and the water in milk are mix so that they do not separate?	Homogenization
Unit 7	Dairy	What breed of dairy cow is the most popular of dairy cattle in the U.S.?	Holstein
Unit 7	Dairy	What breed of dairy cow originated in Scotland is moderate sized and red and white in color?	Aryshire
Unit 7	Dairy	What breed of dairy cow color varies from nearly white to mousy gray to a dark tan to fawn and is smaller than the other dairy breeds?	Jersey
Unit 7	Dairy	What is the fat content of whole milk?	3.25%
Unit 8	Horse	What category of horses are much heavier and usually taller than light horses and are used to do heavy draft work?	Draft Horses
Unit 8	Horseq	What category of horses are shorter than light horses and are between 8 to 14.2 hands tall?	Ponies
Unit 8	Horse	What is name of the unit of measurement used to tell how tall a horse is? It is equal to four inches.	Hand(s)
Unit 8	Horse	What breed of horses got its name due to its ability great speed at short distances, particularly one-fourth of a mile?	Quarter Horse
Unit 8	Horses	What color describes a horse whose body color is reddish or copper red?	Sorrel
Unit 9	Goat	What breed of dairy goat is described as long-legged, with a roman nose, long pendulous ears and a short, sleek hair coat?	Nubian
Unit 9	Goat	What are the three most useful products produced from goats?	Milk, Meat, Fiber
Unit 9	Goat	What meat goat breed originated in Africa?	Boer
Unit 9	Goat	What product are Angora goats primarily used for?	Fiber (or Mohair)
Unit 9	Goat	What product are Boer goats primarily used for?	Meat