

2018 Lake County Fair Skill-a-thons!

The 2018 Skill-a-Thon Theme is HEALTH CARE MANAGEMENT. Skill-a-thons will be held at the Lake County Fair and offer participants an opportunity to demonstrate the knowledge they gained through their 4-H or FFA project. All registered 4-H and FFA Members who are showing in the Lake County Fair are welcome to participate in the skill-a-thons. Buckles will be awarded to the top finisher (who is showing an animal in that division) in each age division. Participants who score the most points over the course of the Fair will receive trophies at the end of Fair.

Skill-a-thon tests will be administered digitally in the 4-H Building. This format allows our skill-a-thons to be quicker, more in depth, and more efficient. Check in for skill-a-thons will be held in the bleachers at the show arena where youth will be divided by age group and prepped for the test. Please be sure to arrive on time!

Below is the 2018 skill-a-thon schedule. Times are subject to change and any changes will be announced prior to April 1st.

Wednesday April 4th

3pm – Breeding Beef Skill-a-Thon

6pm – Rabbit and Poultry Skill-a-Thon

Friday April 6th

2pm – Meat Goat Skill-a-thon

Sunday April 8th

2pm – Steer Skill-a-thon

Wednesday April 11th

2pm – Dairy Goat Skill-a-thon

Thursday April 12th

3pm – Swine Skill-a-thon

The State Fair Skill-a-Thon Manuals are available online at <http://www.floridastatefairag.com/youth-skilathon-manuals>. Please note that these are only a guide and our skill-a-thon stations will differ somewhat from those seen at the State Fair. Nevertheless, each manual contains excellent, concise information and is a wonderful place for you to start studying! Other great study materials can be found online at:

<http://www.ansi.okstate.edu/breeds/>

<http://www.ca.uky.edu/agripedia/agmania/livestock/>

<http://www.gov.ns.ca/agri/4h/manuals/rabbits/sec7.pdf>

<http://www.ag.auburn.edu/poul/prospective-students/Teachers/PoultryJudging.php>

<http://www.uky.edu/Ag/AnimalSciences/4h/asc167.pdf>

Of course, one of the best ways to get an edge on the competition is to attend our Skill-a-Thon Overview and Study Session on **Wednesday Marth 14th** at 6pm (Ag center auditorium). This session will include an overview of material by Ms. Meg and a chance to run through a few practice stations. Everyone is welcome and new members are highly encouraged to participate so they will have an idea of what to expect the following month. This session should serve as an excellent summary of what they have been learning on their own and in their clubs.

PLEASE NOTE

*The pictures/diagrams used in the Lake County Fair Skill-a-thon may not be the exact ones used in the State Fair Skill-a-thon manual or in our office skill-a-thon kits. Please learn to identify breeds, parts etc. and not just memorize a particular diagram or photograph.

*Spelling counts! If the grader can infer what you meant no points will be deducted, however if the answer is misspelled to the point of being unclear it may be marked incorrect. Additionally, if two tests score the same, preference will be given to the one which was spelled more correctly.

*Penmanship is also important; the grader must be able to read your handwriting in order to grade it.

*You will have two minutes for each question.

*You are encouraged to raise your hand and ask for help if a question or diagram needs clarification.

*If you need additional assistance or time with the stations due to a handicap or learning disability, please contact Meg at least a week in advance of the skill-a-thon to make arrangements.

*A tie breaker question(s) will be included as part of the skill-a-thon. Attempting to answer the question will not hurt your score but could help you in the event of a perfect tie. The question(s) is designed to be of a greater difficulty level than the rest of the skill-a-thon but should be attempted if at all possible. There is no designated time to complete this question(s), it should be worked on after completing each station while waiting for time to be called.

All Skill-a-Thons

Juniors (8-10 years of age as of 9-1-17)

- Common Breeds
- Basic External Anatomy
- Common Diseases
- How to read a medicine label

Intermediates 11-13 years of age as of 9-1-17)

ALL of the Junior information PLUS

- Prevention of illness
- Injection Sites
- Health supplies/equipment
- Normal vital signs

Seniors (14-18 years of age as of 9-1-17)

ALL of the Junior and Intermediate Material PLUS

- Withdrawal times and medical calculations
- Internal organs and their functions
- Visual identification of disease

RABBIT Skill-a-Thon

Breeds to Know (by appearance and description)

- Angora
- Belgian Hare
- Californian
- Dutch
- Dwarf Hotot
- English Lop
- Flemish Giant
- Florida White
- Havana
- Himalayan
- Holland Lop
- Mini Lop
- Netherland Dwarf
- Rex and Mini Rex
- Thrianta

External Anatomy to Know (and be able to locate on a diagram)

- Dewlap
- Flank
- Forequarter
- Hindquarter
- Hock
- Loin
- Rib
- Rump

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Bloat
- Bordetellosis
- Bumblefoot
- Coccidiosis
- Conjunctivitis
- Ear Mites
- Flystrike
- GI Stasis
- Heat Stroke
- Malocclusion
- Myxomatosis
- Pasteurellosis
- Trichobezoars
- Viral Haemorrhagic Disease
- Wry Neck

How to Read a Medicine Label

- Identify what class of animal the medicine is intended for
- Know what the dose is

- Know how to administer
- Know where to find withdrawal period
- Identify active ingredients
- Describe proper storage

Injections Sites and Types

- Intramuscular
- Intravenous
- Sub Cutaneous
- Identify where each type should be administered

Medical Equipment to Know

- Antiseptic
- Drench
- Dewormed
- Needles
- Syringe
- Tattoo
- Thermometer
- Tincture of Iodine

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

Stomach

- Cecum
- Kidneys
- Large Intestine
- Liver
- Lungs
- Pancreas
- Small Intestine

Poultry Skill-a-Thon

Breeds to Know (by appearance and description)

- Araucana
- Brahma
- Cochin
- Dominique
- Leghorn
- Old English Game
- Plymouth Rock
- Polish
- Rhode Island Red
- Silkie
- Wyandotte

External Anatomy to Know (and be able to locate on a diagram)

- Breast
- Comb
- Ear Lobe
- Hackle
- Hock
- Saddle
- Shank
- Spur
- Vent
- Wattle

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Avian Influenza
- Coccidiosis
- Fowl Cholera
- Fowl Pox
- Infectious Bronchitis
- Marek's Disease
- Newcastle Disease

How to Read a Medicine Label

- Identify what class of animal the medicine is intended for
- Know what the dose is
- Know how to administer
- Know where to find withdrawal period
- Identify active ingredients
- Describe proper storage

Medication Administration Sites and Types

- Aerosol
- Intramuscular
- In-Ovo
- Nasal
- Ocular
- Powder
- Sub Cutaneous
- Wing Web
- Identify where each type should be administered

Medical Equipment to Know

- Beak Trimmer
- Dewormer
- Disinfectant
- Heat Lamp
- Leg Bands
- Probiotics
- Toenail Clippers
- Sevin Dust
- Syringes
- Vaccine
- Wing Web Vaccinator

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

- Crop
- Gizzard
- Kidneys
- Large Intestine
- Liver
- Heart
- Pancreas
- Small Intestine

Cattle Skill-a-thon (Breeding and Market)

Breeds to Know (by appearance and description)

- Angus
- Beef Master
- Belgian Blue
- Brahman
- Brangus
- Charolais
- Chianina
- Hereford
- Limousin
- Maine Anjou
- Santa Gertrudis
- Shorthorn

External Anatomy to Know (and be able to locate on a diagram)

- Brisket
- Hock
- Hooks and Pins
- Pastern
- Poll
- Quarter/Round
- Stifle
- Switch
- Tailhead

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Brucellosis
- Bovine Respiratory Syncytial Virus/BRSV
- Infectious Bovine Rhinotracheitis/IBR
- Bovine Viral Diarrhea/BVD
- Parainfluenza 3/PI3
- Leptospirosis
- Clostridial disease/Blackleg
- Bovine Spongiform Encephalopathy/BSE

How to Read a Medicine Label

- Identify what class of animal the medicine is intended for
- Know what the dose is
- Know how to administer

- Know where to find withdrawal period
- Identify active ingredients
- Describe proper storage

Medication Administration Sites and Types

- Oral
- Topical
- Intramuscular
- Intravenous
- Sub Cutaneous
- Identify where each type should be administered

Medical Equipment to Know

- Balling gun
- Dewormer
- Disbudding iron
- Drench bottle
- Ear tagger
- Emasculator
- Freeze branding set up
- Hoof trimmers
- Hot branding set up
- Needles
- Stomach tube
- Thermometer

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

- Abomasum
- Kidneys
- Liver
- Lungs
- Rumen
- Small Intestine

Dairy Goat Skill-a-Thon

Breeds to Know (by appearance and description)

- Alpine
- Lamancha
- Nigerian Dwarf
- Nubian
- Oberhasli
- Saanen
- Toggenburg

External Anatomy to Know (and be able to locate on a diagram)

- Chine
- Fetlock
- Flank
- Fore udder attachment
- Hock
- Hooks and pins
- Loin
- Rear udder attachment
- Rump

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Anemia
- Brucellosis
- Caprine Arthritic Encephalitis/CAE
- Enterotoxaemia
- Internal parasites
- Johnes Disease
- Ketosis
- Listereosis
- Scrapie

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- Identify active ingredients
- Describe proper storage

Medication Administration Sites and Types

- Oral
- Topical
- Intramuscular
- Intravenous
- Sub Cutaneous
- Identify where each type should be administered

Medical Equipment to Know

- Balling gun
- California mastitis test
- Disbudding iron
- Emasculator
- FAMACHA card
- Hoof trimmers
- Metal ear tag
- Needles
- Plastic ear tag
- Syringes
- Teat dip
- Thermometer

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

- Abomasum
- Kidneys
- Liver
- Lungs
- Rumen
- Small Intestine

Meat Goat Skill-a-Thon

Breeds to Know (by appearance and description)

- Boer
- Kiko
- Pygmy
- Spanish
- Fainting
- Kinder

External Anatomy to Know (and be able to locate on a diagram)

- Chine
- Fetlock
- Flank
- Hock
- Hooks and pins
- Loin
- Rump

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Anemia
- Brucellosis
- Enterotoxaemia
- Internal parasites
- Johnes Disease
- Ketosis
- Listereosis
- Scrapie

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Medical Equipment to Know

- Balling gun
- Disbudding iron
- Emasculator
- FAMACHA card
- Hoof trimmers
- Metal ear tag
- Needles
- Plastic ear tag
- Syringes
- Thermometer

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

- Abomasum
- Kidneys
- Liver
- Lungs
- Rumen
- Small Intestine

Swine Skill-a-Thon

Breeds to Know (by appearance and description)

- Berkshire
- Chester White
- Duroc
- Hampshire
- Hereford
- Landrace
- Poland China
- Spot
- Yorkshire

External Anatomy to Know (and be able to locate on a diagram)

- Back
- Cannons
- Ham
- Hock
- Jowl
- Loin
- Pasterns
- Rump
- Side
- Stifle

Diseases/Conditions to Know (know common name, be able to identify by common symptoms, know the cause, and understand prevention)

- Atrophic rhinitis
- Colibacillosis
- Erysipelas
- Leptospirosis
- Mycoplasma pneumonia
- Parvo virus
- Pseudorabies
- Swine influenza
- Transmissible Gastroenteritis

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- Know where to find withdrawal period
- Identify active ingredients
- Describe proper storage

Medication Administration Sites and Types

- Oral
- Topical
- Intramuscular
- Intravenous
- Sub Cutaneous
- Identify where each type should be administered

Medical Equipment to Know

- Dewormer
- Ear notcher
- Ear tags
- Injectable iron
- Needles
- Paint stick
- Snare
- Syringes
- Thermometer

Normal Vital Signs to Know

- Temperature
- Pulse
- Respiration

Medical Calculations to Know

- Calculate dose
- Determine withdrawal period

Internal Organs to Know (Location and function)

- Kidney
- Liver
- Lungs
- Pancreas
- Small intestines
- Stomach