

2022 Lake County Fair Skill-a-thons!

The 2022 Skill-a-thon Theme is **HEALTH CARE MANAGEMENT**. Skill-a-thons will be held at the Lake County Ag Center 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. Cloverbuds (ages 5-7) are not eligible to participate. Participants who score the most points on all animal species will win an award.

Skill-a-thon tests will be administered as a test at the Extension Office auditorium at **1951 Woodlea Rd. Tavares, FL 32778**. Please be sure to arrive on time!

Below is the 2022 Skill-a-thon schedule. Please note that start times are not guaranteed, please be early for any Skill-a-thon your exhibitor is participating in. Times are subject to change and any changes will be announced prior to April 1st. There will only be one makeup date available.

Saturday, April 2, 2022

9:00 AM – Poultry

9:30 AM – Rabbit

10:00 AM – Dairy Goat

10:30 AM – Beef Breeding

11:00 AM – Meat Goat

11:30 AM – Swine

12:00 PM – Steer

Makeup Date: April 4, 2022, at 6pm in the Clements Building

The State Fair Skill-a-thon manuals are available online at [Agriculture - Florida State Fair](#). *Please note that these are only a guide, and our skill-a-thon will differ from 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/>

[Breeds & Varieties - American Poultry Association \(amerpoultryassn.com\)](#)

[Recognized Breeds – ARBA](#)

[ADGA Breed Standards - American Dairy Goat Association - ADGA](#)

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 **Friday, March 18th** at **9 AM** (Ag Center auditorium). This session will include an overview of material by Mrs. Dallas and a chance to practice. 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 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 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 learning disability, please contact Mrs. Dallas at least a week in advance of the Skill-a-thon to make the necessary accommodations.
- 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 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 09/01/2021)

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

Intermediates (11-13 years of age as of 09/01/2021)

ALL the Junior material PLUS

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

Seniors (14-18 years of age as of 09/01/2021)

ALL 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

How to Read a Medicine Label

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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

How to Read a Medicine Label

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Medication Administration Sites and Types

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

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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- 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