

# 2024 Skillathon

The Skillathon will be a written exam based on cumulative knowledge over the five livestock species shown at CYAE, dairy beef, swine, sheep and goats. In order to qualify to take the test, all students must have completed certification in YQCA.

Information for certifying in YCQA can be found here: <https://yqca.learn-grow.io/Account/Login>

This certification should adequately prepare youth for the exams.

Awards: An award will be given to the first place exhibitor in each division of the Skillathon.

## Skillathon Overview:

### Diseases

- Common diseases and which species/ sex they occur in
- Common causes of diseases
- Disease commonly found in the U.S.
- Proper age for vaccinations
- Disease names and symptoms

### Breeds

- Maternal breed characteristics, origins
- Latin terms for each specie
- Appearance characteristics
- What the breed is known for (i.e. which breed is known for producing a heavy muscled carcass?)
- Maternal breed characteristics
- Performance traits

### Nutrition

- What should be restricted in certain specie diets
- Feedstuffs and classes of nutrients
- Common feed rations
- Minerals found in common feeds
- What should be restricted to certain specie diets
- Characteristics of wheat millings
- What are feed by-products?

### Animal Health Reproduction

- Gestation periods
- Reproductive anatomy
- What are CIDRs used for

- What causes common illnesses

#### Carcass traits

- What determines yield grade
- What determines quality grade
- What is marbling
- What part of the body do certain meat cuts come from

#### General knowledge

- Average temperatures of each species
- Names of genders of each specie

#### Biosecurity

- Indirect transmission of a pathogen
- Direct transmission of a pathogen