• All 4-H market livestock, dairy, fancy, breeding and horse project members are required to participate in the skillathon for each of their projects to remain in good standing and to exhibit, show and/or sell at any of our three fairs in the county.
• For Washington County Fair All youth (4-H & FFA) MUST participate in the skillathons for each project in order to be eligible to exhibit show and/or sell.
• Each skillathon will have age divisions: Junior (ages 8-11); Intermediate (ages 12-14); Senior (ages 15 & over). All ages will be as of January 1st of the current year.
• Livestock project members who do not have a copy of the resource guides can use an office copy to study at the OSU Extension Office. Resource books cannot be taken out of the office unless they are purchased. All FFA chapters have copies of the 4-H Resource guides. This Study Guide will serve as the Source of Study Materials for exhibitors.
• Any Skillathon information not found in you resource handbook can be downloaded from www.washington.osu.edu or picked up from the OSU Extension Office
• Skillathon Make-Up Date: August 6 – RSVP required with $20 registration fee.
• Make-up Skillathon participants will not be eligible for premier exhibitor.

Project Interview and Book Judging – What you are expected to bring....

First Year 4-H Projects
Must purchase the appropriate 4-H Livestock Record book from OSU Extension and complete the project book(s) based on the level (beginner, intermediate, senior). Members should complete the Topic Summary and be prepared to discuss the summary with the judge. Members should also complete pages that relate to feed expenses, rate of gain, growth charts, and treatment record (where applicable). Members should also include a picture of their project animal and insert it on the appropriate page. Some pages may be optional, however it is still best practice to complete the book in its entirety. Judges will give a score based on the pages completed and questions asked by the judge during the project interview.

Second Year and Beyond 4-H Projects
Must purchase a 2019 4-H Livestock Record Book from OSU Extension and complete all the activities in the record book. You need one Livestock Record Book for each project (not animal) you are raising. Keep this record book in a binder with years’ book.

FFA Members
Must bring a printed record book to judging – It can be off AET or a printed record book provided by your FFA advisor. If student does not bring a printed record they must see an FFA Instructor to view the AET book online. Student will need a project book for each project they are exhibiting at the fairs. The project book may not be used more than one year for project unless the animal is a breeding animal. Make sure the record book covers, weights, feed record, and medical or bills you may get during the year. Members should have an over view of the project completing the plan part of the record book. Members should also complete pages that relate to feed expenses, rate of gain, growth charts, and treatment record (where applicable).
### BEEF SKILLATHON

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Activity</th>
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</table>
| Juniors (4-H ages 8-11) | *Identify 15 parts of a beef animal. (Beef Resource Handbook, page 2-2)  
*Identify 6 beef breeds – Angus, Hereford, Limousin, Maine-Anjou, Shorthorn, Simmental (Beef Resource Handbook, page CP-1 – CP-5) |
| Intermediates (4-H ages 12-14) | *Identify all the parts of a beef animal. (Beef Resource Handbook, page 2-2)  
*Identify parts of Ruminant Digestive System, (B.R.H., page 7-1)  
*Label parts of a feed tag (B.R.H., page 12-13) |
| Seniors (4-H ages 15 & over) | *Identify feet and leg structures (Beef Resource Handbook, page 2-12)  
*Identify different calving positions including twin, (B.R.H., pages 6-8, 6-9)  
*Label the 13 features of an ideal market steer (rear view). (BRH pg. 2-11) |

### DAIRY SKILLATHON

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Activity</th>
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</table>
*Identify 6 dairy breeds - (DRH, pages 9-13)  
*Identify 11 parts of dairy mammary anatomy – (See supplemental study sheet) |
| Intermediates (4-H ages 12-14) | *Identify all the parts of a dairy cow. (D.R.H., page 15)  
*Identify parts of Ruminant Digestive System, (D.R.H., page 41)  
*Identify parts of Mammary Structure – Rear view & Side View (See supplemental study sheet) |
| Seniors (4-H ages 15 & over) | *Identify 9 calving positions (D.R.H. page 33)  
*Match the following 5 diseases to their symptoms, treatment, cause and prevention: Diarrhea, Pneumonia, Lice, Warts, and Ringworm (DRH, pgs. 85-86)  
*Identify feet & leg structures (See supplemental study sheet) |

### DAIRY FEEDER SKILLATHON

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Activity</th>
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</table>
| Juniors (4-H ages 8-11) | *Identify 15 parts of a beef animal. (Beef Resource Handbook, page 2-2)  
| Intermediates (4-H ages 12-14) | *Identify all the parts of a beef animal. (Beef Resource Handbook, page 2-2)  
*Identify parts of Ruminant Digestive System, (B.R.H., page 7-1)  
*Label parts of a feed tag (B.R.H., page 12-13) |
| Seniors (4-H ages 15 & over) | *Identify feet and leg structures (Beef Resource Handbook, page 2-12)  
*Identify different calving positions including twin, (B.R.H., pages 6-8, 6-9)  
*Label the 13 features of an ideal market steer (rear view). (BRH pg. 2-11) |

### GOAT SKILLATHON

<table>
<thead>
<tr>
<th>Age Group</th>
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</table>
| Juniors (4-H ages 8-11) | *Identify 15 parts of a goat (Goat Resource Handbook, page 22)  
*Identify 9 parts of a feed tag (GRH pages 58-60)  
*Identify 7 Breeds: Alpine, Toggenburg, LaMancha, Nubian, Saanen, Boer, Oberhasli (GRH pages 12-17) |
| Intermediates (4-H ages 12-14) | *Identify 30 parts of a goat (Goat Resource Handbook, pg. 22)  
*Identify the proper injection sites (GRH, page 166)  
*Identify goat topline structure (GRH, page 26) |
| Seniors (4-H ages 15 & over) | *Identify 12 wholesale cuts of meat (GRH, page 124, top)  
*Identify feet & leg structures (GRH, pages 24 & 25)  
*Classify feed ingredients into primary nutrient groups (GRH, page 56) |
**HORSE SKILLATHON** - See Supplemental Study Sheets from OSU Extension Office

<table>
<thead>
<tr>
<th>Age Level</th>
<th>Content</th>
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</table>
| Juniors   | *Identify 15 parts of a horse  
            *Identify parts of the horse digestive tract  
            *Identify 5 breeds: Appaloosa, Palomino, American Paint, Quarter Horse & Percheron |
| Intermediates | *Identify 30 the parts of a horse  
              *Identify 8 pieces of tack & equipment: sweat scraper, hoof pick, oval finishing brush, dandy brush, shedding blade, grooming mitt, electric clippers, and mane & tail comb  
              *Identify horse conformation – rear side view & front side view |
| Seniors   | *Identify the parts of the hoof  
            *Identify horse conformation – front view & rear view  
            *Identify 5 snaffle bits and 5 shank bits |

**POULTRY – CHICKEN SKILLATHON** – See Supplemental Study Sheets from OSU Extension Office

<table>
<thead>
<tr>
<th>Age Level</th>
<th>Content</th>
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</table>
| Juniors   | *Identify all the parts of a chicken (cockerel)  
            *Identify 6 different bird combs  
            *Identify parts of medication label |
               *Label parts of feed tag  
               *Identify 5 cuts of meat: neck, wing, drumstick, thigh & boneless skinless breast |
| Seniors   | *Identify the parts of a chicken (hen)  
            *Identify 9 chicken body types: Dorking, Cornish, Polish, Plymouth Rock, Modern Game, Rhode Island Red, Brahma, Cochin & Langshan  
            *Identify from pictures the following 10 cuts of meat: liver, whole leg, breast quarter, neck, wing, thigh, back, drumstick, gizzard & boneless skinless breast |

**POULTRY – DUCK SKILLATHON** – See Supplemental Study Sheets from OSU Extension Office

<table>
<thead>
<tr>
<th>Age Level</th>
<th>Content</th>
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</table>
| All Ages  | *Identify the parts of a duck  
            *Identify 6 duck breeds: White Muscovy, Pekin, Grey Call, White Call, Gray Mallard, White Runner  
            *Put in order the 11 steps of showing a duck |

**POULTRY – GEESE SKILLATHON** – See Supplemental Study Sheets from OSU Extension Office

<table>
<thead>
<tr>
<th>Age Level</th>
<th>Content</th>
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</table>
| All Ages  | *Identify the parts of a goose  
            *Put in order the 11 steps of showing a goose |

**POULTRY – TURKEY SKILLATHON** – See Supplemental Study Sheets from OSU Extension Office

<table>
<thead>
<tr>
<th>Age Level</th>
<th>Content</th>
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</table>
| All Ages  | *Identify the parts of a turkey  
            *Identify the wing feathers  
            *Identify 7 turkey breeds: Bronze, Narragansett, Slate, Bourbon Red, Royal Palm, Black, Holland White |
**RABBIT SKILLATHON**

<table>
<thead>
<tr>
<th>Grade Levels</th>
<th>Activities</th>
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</table>
| **Juniors** *(4-H ages 8-11)* | *Identify 15 parts of a rabbit - (Rabbit Resource Handbook, page 27)*  
*Match 4 types of rabbit fur to their descriptions - (Rabbit Resource Handbook, page 30)*  
*Identify 5 rabbit breeds from pictures: Californian, White New Zealand, Giant Angora, Rex and Netherland Dwarf - (Rabbit Resource Handbook, pages 12-26)* |
| **Intermediates** *(4-H ages 12-14)* | *Identify all parts of a rabbit - (Rabbit Resource Handbook, page 27)*  
*Identify 10 ailments from pictures: Sore Hocks, Ear Canker, Wry Neck, Weepy Eye, Snuffles, Mange, Vent Disease, Wound, Ringworm and Malocclusion - (See supplemental study sheet)*  
*Identify rabbit conformation for tails/ears and hips/legs - (See supplemental study sheet)* |
| **Seniors** *(4-H ages 15 & over)* | *Identify parts of rabbit skeletal system – (Rabbit Resource Handbook, page 28)*  
*Identify 5 rabbit body types - (Rabbit Resource Handbook, page 29)*  
*Identify parts of rabbit digestive system – (Rabbit Resource Handbook, page 47)* |

**SHEEP SKILLATHON**

<table>
<thead>
<tr>
<th>Grade Levels</th>
<th>Activities</th>
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</table>
| **Juniors** *(4-H ages 8-11)* | *Identify 15 parts of a lamb (Sheep Resource Handbook page 11)*  
*Identify 5 breeds: Suffolk, Dorset, Columbia, Rambouillet, and Cheviot. (S.R.H. pages 164-165)*  
*Identify the 6 wholesale cuts: leg, loin, rack, shoulder, breast, foreshank. (S.R.H. page 81)* |
| **Intermediates** *(4-H ages 12-14)* | *Identify all the parts of a lamb. (Sheep Resource Handbook page 11)*  
*Identify: depth of body, length of body, levelness of rump, length of hindsaddle, depth and fullness of leg (Sheep Resource Handbook page 13, figure 3)*  
*Match health problems and prevention: Enterotoxemia, Internal Parasites, White Muscle Disease, Navel I1l, Coccidiosis. (S.R.H. pages 68-70)* |
| **Seniors** *(4-H ages 15 & over)* | *Identify parts of sheep skeletal system. (S.R.H. page 12)*  
*Identify the parts of the digestive system (S.R.H page 49)*  
*Identify feet and leg structures (S.R.H. page15)* |

**SWINE SKILLATHON**

<table>
<thead>
<tr>
<th>Grade Levels</th>
<th>Activities</th>
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| **Juniors** *(4-H ages 8-11)* | *Identify 15 parts of the hog. (Swine Resource Handbook page 3-2)*  
*Identify the 5 wholesale cuts: ham, spareribs/belly, loin, picnic shoulder, shoulder butt. (S.R.H. page 5-3, bottom of page)*  
*Identify parts of medication label (S.R.H. page 24-11)* |
| **Intermediates** *(4-H ages 12-14)* | *Identify all the parts of a hog. (Swine Resource Handbook page 3-2)*  
*Match 6 diseases with their symptoms: Atrophic Rhinitis, Erysipelas, Leptospirosis, Mycoplasma Pneumonia, Influenza, & Swine Dysentery (Swine Resource Handbook pages 9:2 – 9:9)*  
*Identify the parts of the Swine Digestive System. (Swine Resource Handbook page 7-1)* |
| **Seniors** *(4-H ages 15 & over)* | *Identify the parts of the swine skeleton. (Swine Resource Handbook page 3-15)*  
*Match 8 internal parasites to the description of the damage they cause in the hog: Threadworm, Large Roundworm, Whipworm, Nodular Worm, Stomach Worm, Lungworm, Kidney Worm, & Coccidiosis (S.R.H. pg. 9-12)*  
*Identify parts of reproductive tract for female pig. (Swine Resource Handbook page 15-10)* |