



## Tennessee Specific Industry Certification Animal Science Content Area Resource

This Tennessee Specific Industry Certification (TSIC) resource provides additional guidance as you prepare your veterinary and animal science instructional materials. The general knowledge and skills are provided as a guide for developing lessons and lab activities that lead to deeper understanding of content. The list of sample terms are just that, a list of sample terms that will be helpful to build each student's knowledge base for this content area.

### ***General knowledge and skills for Breeds of Companion and Livestock***

- Identify and explain the characteristic of the top 10 common breeds of livestock species in Tennessee including horses.
- Identify and explain the characteristic of the top 5 exotic breeds of livestock in Tennessee.
- Identify the major breeds of companion and food animals by confirmation and breed characteristics.
- Compare and contrast between breeds within the same species.
- Explain the primary use for different breeds of companion and food animals.
- Describe the physical characteristics of major breeds/crossbreeds of poultry.
- Compare and contrast between purebred and commercial animals.
- Identify the most influential breeds of livestock for each species or production area.
- Identify each livestock species using binomial nomenclature.
- Largest group of companion and food animals register with their respective breed organization.

### **Sample terms associated with content area**

- Abyssinian
- Afghan
- Airedale
- Alpine
- American Fuzzy Lop
- American Kennel Club (AKC)
- American Paint Horse
- American Quarter Horse
- Angus
- Appaloosa
- Appendix Quarter Horse
- Appendix Thoroughbred
- Arabian
- Arabian
- Australop
- Ayrshire
- Bands Of Color
- Beagle
- Beef Cattle
- Berkshire
- Boer
- *Bos Taurus*
- Boxer
- Brahma
- Brahman
- Broiler
- Brown Swiss
- Bullmastiff
- Bourbon Red
- Butterfat
- Byerly Turk
- Cairn Terrier
- *Capra Hircus*
- Carcass
- Cochin



## Tennessee Specific Industry Certification Resource Topics and Terms

- Cocker Spaniel
- Commercial cattle
- Commercial egg production
- Commercial livestock
- Cornish
- Cornish Rock
- Cow/Calf operation
- Dairy cattle
- Darley Arabian
- Doberman Pinscher
- Docile temperament
- Dorset
- Drooping ears
- Duroc
- Dutch
- Egger
- Embryos
- Equine - Draft breeds
- Equine - Light breeds
- *Equus Asinus*
- Erect ears
- Exotic shorthair
- Feedlot
- Fleece
- Flemish Giant
- French Bulldog
- *Gallus Gallus*
- German Shepherd
- Goats
- Godolphin Arabian
- Golden Retriever
- Guernsey
- Hackney
- Hairless
- Halflinger
- Hampshire
- Herding group
- Hereford
- High-Stepper Bred
- Holstein
- Horses
- Jersey
- Kiko
- Labrador Retriever
- Layers
- Leghorn
- Limousine
- Lippizan
- Livestock
- Meat
- Medium wool
- Mini-Rex
- Morgan
- New Zealand
- Non-Sporting Group
- Norfolk
- Nubian
- Orpington
- *Ovis Aries*
- *Ovis Equus*
- Papillion
- Pinto
- Pipkin
- Pit Bull
- Plumage
- Plymouth Barred Rock
- Pointer
- Poland China
- Pony
- Poodle
- Purebred
- Purebred livestock
- Registered breed
- Replacement females
- Retrievers
- Rhode Island Red
- Rottweiler
- Setter
- Sheep
- Shetland
- Shih Tzu
- Shorthorn
- Simmental
- Single comb
- Slate
- Southdown
- Spaniels
- Spanish Mustang
- Sphynx
- Sporting Group
- Spots
- Stallions
- Standardbred
- Stocker cattle



## Tennessee Specific Industry Certification Resource Topics and Terms

- Suffolk
- Suffolk Punch
- Sulky Cart
- *Sus Scrofa*
- Swine
- Tennessee Walking Horse
- Terrier Group
- Mother breed of swine
- Thoroughbred
- Toulouse
- Toy Group
- Turkish Angora
- Vizsla
- Welch Corgi
- West Highland
- White Terrier
- Working Group
- Yellow Shanks
- Yorkshire