

# Veterinary Science CDE Resources

## Resources

*This list of references is not intended to be all inclusive.*

Other sources may be utilized, and teachers are encouraged to make use of the very best instructional materials available. Make sure to use discretion when selecting website references by only using reputable, proven sites. The following list contains references that may prove helpful during event preparation. The most current edition of resources will be used.

Past CDE materials and other resources are available by logging in to <https://www.ffa.org/participate/cdes/veterinary-science>

### WRITTEN EXAM:

- Small Animal Care and Management. Warren. ISBN: 978-1-4180-4105-2
- McCurnin's Clinical Textbook for Vet Technicians 8th edition- ISBN 978-1-4377-2690-0
- An Illustrated Guide to Veterinary Medical Terminology. Romich. ISBN: 978-1-4354-2012-0
- Official Guide: Maintaining and Cleaning Surgical Instruments. Stow.:  
[https://www.ffa.org/SiteCollectionDocuments/cde\\_vetsci\\_guide\\_maintaining\\_clearing\\_surgical\\_instruments.pdf](https://www.ffa.org/SiteCollectionDocuments/cde_vetsci_guide_maintaining_clearing_surgical_instruments.pdf)
- Veterinary Science: Preparatory Training for the Veterinary Assistant. Faries. ISBN: 978-0-9849115-0-9. Order online: [https://agrilifebookstore.org/publications\\_browse2.cfm?keywordid=4](https://agrilifebookstore.org/publications_browse2.cfm?keywordid=4)
- Introduction to Veterinary Science. Lawhead, Baker. ISBN: 978-1-4283-1225-8
- <http://todaysveterinarypractice.navc.com/>
- Veterinary Assisting: Fundamentals and Applications. Vanhorn, Clark. ISBN: 978-1-4354-5387-6
- Clinical Procedures & Handling/Restraining Practicums :
- Veterinary Assisting: Fundamentals and Applications. Vanhorn, Clark. ISBN: 978-1-4354-5387-6



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## Resources

- McCurnin's Clinical Textbook for Vet Technicians 8th edition- ISBN 978-1-4377-2690-0
- Manual of Clinical Procedures in Dogs, Cats, Rabbits & Rodents. Crow, Walshaw, Boyle. ISBN: 978-0813813042
- Veterinary Science: Preparatory Training for the Veterinary Assistant. Faries. ISBN: 978-0-9849115-0-9. Order online: [https://agrilifebookstore.org/publications\\_browse2.cfm?keywordid=4](https://agrilifebookstore.org/publications_browse2.cfm?keywordid=4)

### IDENTIFICATION:

- Veterinary Instruments and Equipment: A Pocket Guide. Sonsthagen. ISBN: 978-0323032032  
<http://loudoun.nvcc.edu/vetonline/vet121/instruments.htm>
- <https://www.spectrumsurgical.com/product/10-0227/Surgical-Instrument-Flash-Cards.php>
- American Kennel Club – <http://www.akc.org/index.cfm>
- Cat Fanciers' Association – <http://www.cfa.org/client/breeds.aspx>
- American Rabbit Breeders Association – <http://www.arba.net/>

### MATH PRACTICUM (INCLUDED IN EXAM):

- Medical Mathematics and Dosage Calculations for Veterinary Professionals. Bill, Robert. ISBN: 978-08138263
- Essential Calculations for Veterinary Nurses and Technicians. Terry Lake and Nicola Green. ISBN 978-0-7020-2930-1
- <https://www.ffa.org/SiteCollectionDocuments/Math%20Resource.pdf>



# Veterinary Science CDE

## Resources

### Equipment and Materials Identification List

- |      |  |      |   |
|------|--|------|---|
| 100. | Ambubag                                | 144. | Hoof knife                              |
| 101. | Anesthetic machines                    | 145. | Hoof rasp                               |
| 102. | Autoclave                              | 146. | IV administration set                   |
| 103. | Autoclave tape indicator               | 147. | Laparoscope                             |
| 104. | Backhaus towel clamps                  | 148. | Laryngoscopes                           |
| 105. | Balling gun                            | 149. | Muzzle – basket                         |
| 106. | Bandaging material – Elasticon         | 150. | Muzzle – nylon                          |
| 107. | Bandaging material – roll gauze        | 151. | Needle holder – Mayo-Hegar              |
| 108. | Bandaging material – vet wrap          | 152. | Needle holder – Olsen-Hegar             |
| 109. | Bands (castration or docking)          | 153. | Obstetrical chain and handle            |
| 110. | Cat bag                                | 154. | Ophthalmoscope                          |
| 111. | Catch pole (dog snare)                 | 155. | Otoscope                                |
| 112. | Catheter – butterfly                   | 156. | Pig tooth nippers                       |
| 113. | Catheter – IV                          | 157. | Radiology personal protective equipment |
| 114. | Catheter – Tomcat urinary              | 158. | Rectal prolapse ring – swine            |
| 115. | Centrifuge                             | 159. | Rumen magnet                            |
| 116. | Chemical indicator strips              | 160. | Scalpel blade                           |
| 117. | Cold sterile tray                      | 161. | Scalpel handle                          |
| 118. | Dehorner – Barnes                      | 162. | Scissors – Suture wire cutting          |
| 119. | Dehorner – electric                    | 163. | Scissors – Bandage                      |
| 120. | Dental floats                          | 164. | Scissors – Lister bandage               |
| 121. | Dental scaler                          | 165. | Scissors – Littauer suture removal      |
| 122. | Drench gun – small ruminant            | 166. | Scissors – Mayo dissecting              |
| 123. | Ear notcher                            | 167. | Scissors – Metzenbaum dissecting        |
| 124. | Elastrator                             | 168. | Silver nitrate sticks                   |
| 125. | Elizabethan collar                     | 169. | Small animal oxygen cage                |
| 126. | Emasculators                           | 170. | Snook ovariohysterectomy hook           |
| 127. | Endoscope                              | 171. | Speculum – large animal oral            |
| 128. | Endotracheal tubes                     | 172. | Speculum – small animal oral            |
| 129. | Fecal loop                             | 173. | Speculum – vaginal                      |
| 130. | Fecalyzers                             | 174. | Squeeze chute                           |
| 131. | Feeding tube for small animals         | 175. | Staple remover                          |
| 132. | Fetal extractor – calf                 | 176. | Stethoscope                             |
| 133. | Forceps – Alligator                    | 177. | Surgical drapes                         |
| 134. | Forceps – Allis tissue                 | 178. | Suture needle – cutting                 |
| 135. | Forceps – Babcock tissue               | 179. | Suture needle – taper                   |
| 136. | Forceps – Brown-Adson thumb            | 180. | Syringe – automatic, multi-dose         |
| 137. | Forceps – Crile                        | 181. | Tattooing instruments – small and large |
| 138. | Forceps – Kelly                        | 182. | Tonometer                               |
| 139. | Forceps – Halstead mosquito hemostatic | 183. | Tourniquet                              |
| 140. | Forceps – Rat tooth thumb              | 184. | Trocar and cannula                      |
| 141. | Gravity feeder / J tube                | 185. | Twitch chain                            |
| 142. | Head gate                              | 186. | Twitch human                            |
| 143. | Hog snare                              |      |   |



# Veterinary Science CDE

## Resources

### Parasite/Microscopic Identification List

- 200. Blowfly (Family Calliphoridae)
- 201. Calcium oxalate crystals
- 202. Cat Warble (Genus Cuterebra)
- 203. Cocci (bacteria)
- 204. Coccidia (Genus Isospora or Eimeria)
- 205. Demodectic Mite (Genus Demodex)
- 206. Ear Mite (Family Psoroptidae ; Genus Otodectes)
- 207. Eosinophils
- 208. Epithelial cells (urine)
- 209. Flea Larva (Genus Ctenocephalides)
- 210. Flea Tapeworm Egg\* (Genus Dipylidium)
- 211. Flea Tapeworm Segment\* (Genus Dipylidium)
- 212. Flea Tapeworm\* (Genus Dipylidium)
- 213. Fleas\* (Genus Ctenocephalides)
- 214. Giardia\* (Genus Giardia)
- 215. Heartworm Adult\* (Genus Dirofilaria)
- 216. Heartworm Microfilaria\* (Genus Dirofilaria)
- 217. Hookworm Adult\* (Family Ancylostomatidae; Genus Ancylostoma, Uncinaria, Bunostomum or Globocephalus)
- 218. Hookworm Egg\* (Family Ancylostomatidae; Genus Ancylostoma, Uncinaria, Bunostomum or Globocephalus)
- 219. Horse Bots\* (Genus Gasterophilus)
- 220. Horse Strongyles\* (Family Strongylidae; Genus Strongylus)
- 221. Lice – Biting (Order Mallophaga; Genus Bovicola or Trichodectes)
- 222. Lice – Sucking (Order Anoplura; Genus Linognathus or Hematopinus)
- 223. Liver Fluke (Class Trematoda; Genus Fasciola, Fascioloides or Dicrocoelium)
- 224. Mosquito Adult (Family Culicidae; Genus Anopheles, Culex or Aedes)
- 225. Mosquito Larva (Family Culicidae; Genus Anopheles, Culex or Aedes)
- 226. Neutrophils
- 227. Platelets
- 228. Red blood cell (erythrocyte)
- 229. Rod (bacteria)
- 230. Roundworm Adult\* (Family Ascarididae or Toxocaridae; Genus Toxocara, Toxascaris, Ascaris, Parascaris or Neoascaris)
- 231. Roundworm Egg\* (Family Ascarididae or Toxocaridae; Genus Toxocara, Toxascaris, Ascaris, Parascaris or Neoascaris)
- 232. Sarcoptic Mite (Family Sarcoptidae ; Genus Sarcoptes or Notoedres)
- 233. Struvite crystals (triple magnesium phosphate)
- 234. Taenia Tapeworm Egg\* (Family Taeniidae; Genus Taenia)
- 235. Taenia Tapeworm Segment\* (Family Taeniidae; Genus Taenia)
- 236. Taenia Tapeworm\* (Family Taeniidae; Genus Taenia)
- 237. Tick – American Dog (Family Dermacentor; Genus variabilis)
- 238. Tick – Black Legged Deer (Family Ixodes; Genus scapularis)
- 239. Tick – Brown Dog (Family Rhipicephalus; Genus sanguineus)
- 240. Tick – Lone Star (Family Amblyomma; Genus americanum)
- 241. Whipworm Egg\* (Genus Trichuris)
- 242. Whipworm\* (Genus Trichuris)
- 243. Yeast (cytology)

*\*Asterisk indicates which parasite life cycles could have questions.*



# Veterinary Science CDE

## Resources

### Breed/Species Identification List

#### DOGS

##### HERDING GROUP

- 300. Australian Cattle Dog
- 301. Australian Shepherd
- 302. Border Collie
- 303. Collie
- 304. German Shepherd Dog
- 305. Old English Sheepdog
- 306. Pembroke Welsh Corgi
- 307. Shetland Sheepdog

##### HOUND GROUP

- 308. Afghan Hound
- 309. Basenji
- 310. Basset Hound
- 311. Beagle
- 312. Black and Tan Coonhound
- 313. Bloodhound
- 314. Dachshund
- 315. Greyhound
- 316. Rhodesian Ridgeback

##### NON-SPORTING GROUP

- 317. Bichon Frise
- 318. Boston Terrier
- 319. Bulldog
- 320. Chinese Shar-Pei
- 321. Chow Chow
- 322. Dalmatian
- 323. Poodle

##### SPORTING GROUP

- 324. Brittany Spaniel
- 325. Cocker Spaniel
- 326. English Setter
- 327. German Shorthaired  
Pointer
- 328. Golden Retriever
- 329. Irish Setter
- 330. Labrador Retriever
- 331. Weimaraner

##### TERRIER GROUP

- 332. Bull Terrier
- 333. Cairn Terrier
- 334. Parson Russell Terrier
- 335. Scottish Terrier
- 336. West Highland White  
Terrier

##### TOY GROUP

- 337. Cavalier King Charles  
Spaniel
- 338. Chihuahua
- 339. Miniature Pinscher
- 340. Papillon
- 341. Pekingese
- 342. Pomeranian
- 343. Poodle
- 344. Pug
- 345. Shih Tzu
- 346. Yorkshire Terrier

##### WORKING GROUP

- 347. Bernese Mountain Dog
- 348. Boxer
- 349. Doberman Pinscher
- 350. Great Dane
- 351. Great Pyrenees
- 352. Mastiff
- 353. Newfoundland
- 354. Portuguese Water Dog
- 355. Rottweiler
- 356. Saint Bernard
- 357. Siberian Husky
- 358. Standard Schnauzer

#### CATS

- 359. Abyssinian
- 360. American Shorthair
- 361. Burmese
- 362. Maine Coon
- 363. Manx
- 364. Persian
- 365. Ragdoll

- 366. Russian Blue
- 367. Siamese
- 368. Sphynx



# Veterinary Science CDE

## Resources

### BIRDS

369. African Gray Parrot  
370. Canary  
371. Cockatiel  
372. Cockatoos  
373. Love Birds  
374. Macaw  
375. Parakeet  
376. Sun Conure  
377. Zebra Finch

### REPTILES

378. Bearded Dragon  
379. Chameleon  
380. Gecko  
381. Iguana

### POULTRY

382. Chicken – Cornish  
383. Chicken – Leghorns  
384. Chicken – Plymouth Rock  
385. Chicken – Rhode Island  
Red  
386. Duck  
387. Geese  
388. Quail  
389. Turkey

### SMALL MAMMALS

390. Chinchilla  
391. Ferret  
392. Gerbils  
393. Guinea Pig  
394. Hamster  
395. Hedgehog  
396. Sugar Glider

### RABBITS

397. Angora  
398. Californian  
399. Dutch  
400. English Spot  
401. Holland Lop  
402. Mini-Rex  
403. Netherland Dwarf  
404. New Zealand

### DAIRY CATTLE

405. Ayrshire  
406. Brown Swiss  
407. Guernsey  
408. Holstein  
409. Jersey

### BEEF CATTLE

410. Angus  
411. Brahman  
412. Charolais  
413. Hereford  
414. Shorthorn  
415. Simmental

### HORSE

416. Appaloosa  
417. Arabian  
418. Belgian  
419. Clydesdale  
420. Morgan  
421. Paint  
422. Percheron  
423. Quarter Horse  
424. Saddlebred  
425. Tennessee Walking Horse  
426. Thoroughbred

### GOAT

427. Alpine  
428. Nubian  
429. Angora  
430. Boer

431. LaMancha  
432. Saanen  
433. Toggenburg

### SHEEP

434. Columbia  
435. Dorper  
436. Dorset  
437. Hampshire  
438. Merino  
439. Rambouillet  
440. Southdown  
441. Suffolk

### SWINE

442. American Landrace  
443. Berkshire  
444. Chester White  
445. Duroc  
446. Hampshire  
447. Yorkshire



# Veterinary Science CDE Resources



KENTUCKY  
FFA ASSOCIATION

*Last Modified: November 13, 2017*