CURRICULUM RESOURCE MATERIALS: The first year I spent approximately $4000.00 for curriculum reference materials although this cost will vary according to inventory on hand.

1. Texas Veterinary Medical Association (TVMA):

   - For information about the CVA program and materials, the training objectives and answers to “Frequently Asked Questions” go to the following web pages: http://www.tvma.org/RVTs_and_CVAs/documents/cva_faqs_0207.pdf

2. Animal Care Technologies (ACT):

   - Videos - ACT offers videos covering a wide range of topics:

     This group of videos were originally developed for veterinary staff training and used by thousands of veterinarians in the nation. The Deluxe set includes 14 DVD’s containing 42 videos, two CD workbooks, test banks, and a testing and certification program. These industrial recognized certificates do not replace the CVA program provided by TVMA but does provide additional motivation for your students to continue their studies in Veterinary Medicine. The Deluxe set is $1525 plus $19.00 shipping or you can purchase individual DVD sets for $299 each. Go to http://www.4act.com/stafftraining.htm for additional information.

     The seven video series includes:

     - Veterinary Foundations
     - Kennel Assistant Training
     - Receptionist Training
     - Veterinary Assistant Training - Part 1
     - Veterinary Assistant Training - Part 2
     - Management Training
     - Technician Skills

     Large Animal Training Videos - This set of 8 Disc DVD’s provides clear and concise training on many of the skills and procedures that must be mastered when working with horses and cattle. This program was developed with Manor College and Dr. Joanna Bassert. Over 100 skills are clearly illustrated in these dynamic videos. The 8 disc set costs $1397 plus $19.00 shipping. Topics Include:

     - Physical Exam
     - Husbandry
     - Handling and Restraint
     - Administration of Medicine
     - Intravenous Techniques
     - Lameness
     - Examination of the Hoof
     - Breeding
     - Castration
     - Dentistry
     - Radiology
     - Imaging Equipment

     Client Education - 2 DVDs that provides clear and concise information clients need to know about their pets. This set can be used as an overview of the most common questions clients often ask during an exam of their pet. Disk I - Exam room copy with interactive menu and Disk II - Continuous play reception area copy with closed captions option. The cost of these is only $299.00 for the 2 DVD set. Topics include:

     - Puppy Basics
     - Kitten Basics
     - Canine Nutrition
     - Feline Nutrition
     - Canine Vaccines
     - Feline Vaccines
     - Canine Neuter
     - Feline Neuter
     - Spaying Your Pet
     - Anal Glands
     - Surgical Aftercare
     - Preanesthetic Lab work
     - Canine Heartworm Disease
     - Feline Heartworm Disease
     - Flea & Tick Control
     - Home Dental Care
     - The Dental Cleaning
     - Pain Management
     - Our Aging Pets
     - Allergies

Online Access – ACT has an online video library and these dynamic videos can be accessed anytime and anywhere for $500 per year. Special pricing is available when they are included with the online curriculum builder, Progress Tracker. Call 1-800-357-3182 or 940-380-8858 for details.
Progress Tracker – ACT has created an internet-based resource that is not only affordable, but will free up valuable teaching time. Like the videos the Progress Tracker is a recognized standard for training staff in the veterinary industry. The service provides online access to over 500 videos, 142 lesson plans, 100+ power points, and attainable/accountable certifications for your students. A yearly subscription allows access to these materials and for an additional yearly cost your students will have access to the videos and materials which you can track and monitor. The teacher module subscription rate is $500 per year and the student module is $250 per 25 students per year. If you purchase both modules for $750 and your students will also have access to the ACT-TVMA new online CVA training program. The 12 hour set of large animal videos can be added for an additional cost of $250. The total package is $1000.00.

Certified Veterinary Assistant Training Program: Animal Care Technologies (ACT) and the Texas Veterinary Medical Association (TVMA) have developed a new Certified Veterinary Assistant Training Program Online. The CVA Online Program delivers the curriculum anywhere, anytime (requires a high-speed Internet connection). Like above it is being used in veterinary hospitals and is a great resource for your high school students. It is being sold to clinics on a monthly subscription basis but high school students can access the materials for a total of $148. The curriculum consists of 10 units comprised of approximately 100 veterinary videos and Power Point presentations. It is completed at the individuals pace or can be incorporated into the Progress Tracker as shown above.

3. Veterinary Science Curriculum:

These materials were developed by Cornell University (Beth Martinec) and Team Ag Ed as a comprehensive teaching and student aid. Being part of the development team I certainly found these materials along with the ACT and TVMA materials to be an invaluable resource. The Teacher's Guide on CD contains teaching outline, strategies, handouts, activities, evaluations, and transparency masters. The Student Workbook CD contains over 300 handouts and activities. Also included in this package is "Handling and Restraint Techniques: For Pets and Lab Animals", a spiral bound how-to manual with pictures and step by step directions. The materials can be purchased separately or as a package from the FFA or from Curriculum Materials Services, Ohio State University, http://www.cms.ag.ohio-state.edu/home.html for a cost of approximately $100.00.

4. Instructional Materials Center (IMS):

I used and recommend the Veterinary Assistant Handbook by Floron C. Faries, Jr. - DVM, MS. The 360 pages of illustrated text materials, student activities, and glossary of terms is a very good reference book for your students. Also, IMS carries an outstanding source for other Animal Science materials. For current prices and information go to their web site, http://www.im.tamu.edu/

A new edition of this reference, entitled Veterinary Science: Preparatory Training for the Veterinary Assistant (IMS #4040) is now available.

5. Delmar/Thomson Learning: Several good references are available and you can receive review copies by contacting a Delmar representative. Go to the following sites for listings and prices: http://www.delmarlearning.com/Browse_Catalog.aspx?Cat1ID=AG&Cat2ID=CLG&Cat3ID=CLG08&pc=OAGRNEO016&camp=OAGRNEO016 and http://www.agriculture.delmar.cengage.com/

- Introduction to Veterinary Science - Price: $92.95
- Veterinary Office Practices - Price: $40.95
- Delmar's Agriscience Dictionary with Searchable CD-ROM - Price: $85.95
- Exotic Animal Care and Management - Price: $79.95
- Patient Assessment, Intervention and Documentation for the Veterinary Technician, A Guide to Developing Care Plans and SOAP's - Price: $69.95
- Understanding Zoonotic Diseases - Price: $86.95
- Veterinary Clinical Procedures in Large Animal Practice - Price: $77.95
- Fundamentals of Pharmacology for Veterinary Technicians - Price: $79.95
- Pathology and Parasitology for Veterinary Technicians - Price: $67.95
- Laboratory Manual for Comparative Veterinary Anatomy & Physiology - Price: $90.95
- Delmar's Veterinary Technician Dictionary - Price: $61.95
- Small Animal Care & Management - Price: $131.95
6. **Animal Health Publications:**
- Dr. Cody W. Faerber, DVM developed this program and my students used this resource almost daily. The materials come as DVD’s, bound packets or in an online type format. For details and pricing information access the web site: [www.infovets.com](http://www.infovets.com)

7. **Veterinary Assistant Reference Guides:**
- “Tasks for the Veterinary Assistant” by Paula Pattengale, DVM, MA; Lippincott Williams & Wilkins, A Wolters Kluwer Company
- The Stone Guide to Dog Grooming - $27.99
- All Breed Dog Grooming Guide - $20.00
- The Merck Veterinary Manual 9th Edition; WARD’S Natural Science (hardcopy - $60.00) or can be found online [http://www.merckvetmanual.com/mvm/index.jsp](http://www.merckvetmanual.com/mvm/index.jsp)
- Spurgeon’s Color Atlas of Large Animal Anatomy; Thomas O. McCracken, Robert A. Kainer, Thomas L. Spurgeon - Lippincott Williams & Wilkins (1999) - $70.00

8. **Videos**
- **Career Exploration:**
  - The World of the Veterinary Technician NAVTA $20.00 (765)742-2216
  - A Challenge to Care: Careers in Lab Animal Science AALAS Free [www.aalas.org](http://www.aalas.org)
  - The Life and Legend of Jane Goodall National Geographic $69.00 #WE58017 (800)368-2728
- **Animals in Society:**
  - The Heart of the Matter TAMU $55.00 #9952
  - Why Dogs Smile and Chimpanzees Cry Discovery $14.95 #669978 (800)889-9950
  - Endangered Animals: Survivors on the Brink National Geographic $69.00 #WE52668 (800)368-2728
- **Principles of Disease:**
  - Rabies AVMA Free [www.vpw.com](http://www.vpw.com)
  - Virus! National Geographic $99.00 #WE51618 (800)368-2728
- **Parasitology:**
  - Ticks: The Real Vampires Discovery $19.95 #633362 (800)889-9950
- **Animal Management:**
  - A Dog’s Life Discovery $49.95 3-video set #179721 (800)889-9950
  - Good Dog U- Basic Obedience/Leash Training Discovery $19.95 #663872 (800)889-9950
  - The Ultimate Guide: Horses Discovery $19.95 #618843 (800)889-9950
- **Anatomy & Physiology:**
  - Dog steps AKC (919)233-9767
- **Hospital Procedures:**
  - Pets Have Teeth Too! Free (800)-338-3659

9. **Web Search and Free Stuff:**
- There are hundreds of web sites that I found useful. As you know you need to use professional judgment in the selection and use of web sites. Web sites change over time and thus, the relevancy and accuracy of information contained on these sites will change as new information emerges. Contact me and I can send you a copy of the bookmarks that I found usefully in developing materials for teaching the curriculum.
EQUIPMENT AND SUPPLIES: The first year I spent approximately $1000.00 for equipment and supplies and over the next 3 years I added an additional $5000 inventory. Keep in mind like the curriculum resources I already had a pretty good inventory built up because of teaching the Canine Science and Animal Sciences courses.

1. Equipment and Supply Sources:
   - **House Of Pet Supplies Inc.**
     17414 Triton Drive
     Schertz, Texas 78154
     Toll Free: 1-800-445-9691
   - **Source Menagerie, LLC**
     8868 Research Blvd. Suite 106
     Austin, TX 78758
     1 (888) 702-9663
   - **WARD’S Natural Science**
   - **Carolina Biological Supply Company**
   - **NASCO**
   - **JEFFERS**

2. Small Animal Equipment and Supplies:
   - **Crates** - Recommended having at least 1 each according to variety of sizes and types. $ 600.00
     - 18 x 11.5 x 15 $ 20.00
     - 23.75 x 17 x 20 $ 26.00
     - 30 x 19 x 22 $ 35.00
     - 36 x 22 x 22.5 $ 45.00
     - 42 x 27 x 31 $ 65.00
     - 48 x 29.25 x 33 $ 80.00
     - PetMate Deluxe Vari-Kennel Jr. Dog Crate Small $ 13.79
     - PetMate Deluxe Vari-Kennel Jr. Dog Crate Medium $ 17.79
     - PetMate Deluxe Vari-Kennel Jr. Dog Crate Intermediate $ 20.79
     - PetMate Deluxe Vari-Kennel Jr. Dog Crate Large $ 25.79
     - Better Buy Home Training/Travel Crate 24x18x21 $ 69.89
     - Better Buy Home Training/Travel Crate 36x24x28 $ 89.89
     - Better Buy Home Training/Travel Crate 48x30x35 $ 139.89
   - **Bathtub** – The stainless type can be wall mounted and the booster type is more of a stand alone type.
     - Booster Bath Tub without hose and spray nozzle $ 199.00
     - Stop-Flo Pro-hose $ 177.95
     - Pro-hose Rubber ring and Spray-face $ 15.75
     - Stainless Steel Tub with ramp, nozzle/hose, etc. $ 884.00
   - **Grooming Tables** – Although many veterinary clinics rely on professional groomers I taught the basic fundamentals in both my Canine Science and Veterinary Science courses. **Note:** I had two 48Lx24Wx31H tables but could have used a third one.
     - 36Lx24Wx31H Grooming Table with arm $ 91.45 ea
     - 48Lx24Wx31H Grooming Table with arm $ 100.20 ea
Cable Groom Loops (4) $ 2.35 ea
No-Sit Body Support (4) $ 6.09 ea
Grooming Arms (4) $ 25.20 ea

Grooming Dryer/Blower – There are several on the market but the one that I liked the best is called “KOOL DRY” (I had 2) - $325.00 - 1-800-896-4971

Clippers and supplies: I had on hand clippers and supplies for large animals so only purchased clippers and supplies for small animals the first year. There are many good supply companies for these products.
Oster Two-Speed A-5 - 2 sets - $159.00
Speed-O-Guides (Variety of sizes)
  - No. 00 $1.79 ea
  - No. 0 $1.79 ea
  - No. 0A $1.79 ea
  - No. 1 $1.79 ea
  - No. 1A $1.79 ea
  - No. 2 $1.79 ea
Replacement blades (Variety of sizes) - $28.50 ea; Allison Lyles, AST, Lovejoy HS writes “Personally, I favor the Oster brand - they tend to be well made and hold up well. The surgical clipper blade size is a number 40 – I will shave the hair to the skin, so if you want more of a grooming size, I’d suggest #7’s or #10’s.”
Kool Lube or similar lubricate oils for the clippers

Misc. aides and supplies: Some teachers hold a bathing and grooming day and use this activity as a fundraiser.
Recently a show called “Groomer Has It” was on Animal Planet. Watching the first show I noticed the groomers were using a model dog to demonstrate their skills. The model was made of yarn and had the appearance of a life-sized pet. It could be brushed, combed and groomed to look just like the real thing. I have searched the internet trying to locate a source for these models without success. Depending on the cost I feel that it would be something the students would really enjoy.
Assortment of Stuffed Animals – These become very handy when teaching several different topics; i.e. restraint, surgery, etc. They are cheap at stores such as Goodwill or Thrift.

Assorted Conditioners and Shampoos – Prices will vary but budget a couple hundred dollars if you plan on bathing small animals because you will need a variety of these according to coat type, color, and even age of the animal (i.e.; puppies). Note: some animals may be allergic to conditioners and shampoos so it is recommended to check with the owner before bathing them. I also would take strong precautions when allowing students to use insecticidal dips. For general purpose I purchased the conditioners and shampoos by the gallon and specialty shampoos and conditioners I purchased in smaller amounts. Allison Lyles, AST, Lovejoy HS writes “I personally like one called DVM Pharmaceuticals D Basic.” I found this one on the following web site: http://www.arcatapet.com/item.cfm?cat=9665

Hair scissors: The prices for these will vary but I suggest you purchase high quality sets; a brand I used is Heritage
  - 7 1/2 inch straight shear for general trimming - $45 to $70 each (3 recommended)
  - 4 inch safety tip for paw pads and eye area - $30 to $50 each (3 recommended)
  - 42 tooth Thinner for blending - $60 to $80 (3 recommended)
  - Dog Nose scissors - $20 to $40 (3 recommended)
  - Dog hair pulling forceps - $15 to $24 ((3 recommended)
  - Dog Tweezers - $10 to $15 (3 recommended)

Dental Care:
  - Dental Tooth Scaler – Many sources - $6.00
  - Finger Toothbrushes – 4 pack - $4.00
  - Dental Cleanser and Dental Sponges or Pads – 3 pack set w/90 pads per pack - $14.00
  - Pet Tooth Paste - $2.50

Ear and eye cleaners:
  - Artificial Tear Ointment - Allison Lyles, AST, Lovejoy HS writes “needed when bathing pets - comes in drop form but ointment stays in the eye longer.”
  - Ear Clens® Pads – 100 count packages - $15.00
  - Tear Stain Remover – Various brands available - $6.00
  - Cotton balls (a couple bags)
  - Cotton-tip applicators
✓ **Nail trimming:**
  - Dog and cat toe nail clippers
    - Variable Speed Dremel Rotary Tool MultiPro™ Kit – $70.00 (Lowes)
    - Dremel 2 Speed Cordless MultiPro™ Kit – $44.00 (Lowes)
    - Hand nail clippers - type varies with preference but I had several different types for students to see differences - $75.00
    - Silver Nitrate sticks - **Allison Lyles, AST, Lovejoy HS writes** “similar to styptic pencils used for nicks when shaving and works to cauterize a nail that’s been quicked. Note when wet these stain skin and hands and don’t wash out-it wears out!”

✓ **Personal Equipment:**
  - Bib Apron (20) - $13.15 ea
  - Rubber Bathing Apron (10) - $13.99 ea
  - Neoprene Over Rubber Gloves - $ 4.75 ea
  - General Purpose Safety Goggles - $4.75
  - Exam Gloves - (3 boxes of medium) **Allison Lyles, AST, Lovejoy HS writes** “be aware if you have any students with Latex allergies they make latex free, but are more costly. (Medium sizes fits a pretty good variety of hands)"

✓ **Misc. small animal equipment and supplies:**
  - Assortment of brushes, combs, - $300.00
  - Assortment of collars, leads, and muzzles - $150.00
    - Choke chains
    - Specialty collars
    - Leashes - (6 total) **Allison Lyles, AST, Lovejoy HS writes** “these can be very inexpensive (the nylon type that make a loop for the neck and have a built in loop for the handle work well)”
    - Muzzles - (2 small, 2 medium, 2 large) **Allison Lyles, AST, Lovejoy HS writes** “the nylon snap kind work well and are washable”
  - Combo Yard Mate (Pooper Scooper) - $7.59
  - Water and feed bowls: stainless are easier to wash and disinfect
    - 3 qt. Stainless Dog Dish - $3.15 ea
    - 2 qt. Stainless Dog Dish - $2.19 ea
  - Tourniquet
  - “Kitty Burrito” – used to restrain cats

3. **Laboratory Equipment and Supplies:** The first year I borrowed microscopes from the science department and used the computer lab across the hall. The second year I was able to get 10 computers set up in my room which helped greatly. The third year I purchased 10 microscopes, a CPR dog and a teacher microscope.
   - Computers – 1 per student – various prices
   - Microscopes and supplies:
     - Student Microscope (oil immersion lens preferred) – 1 per each student - $380.00
     - Teacher Microscope - $1,500
     - Blood Smears Microscope Slides – 4 boxes - $14.00 per box
     - Microscope Slides – 6 boxes - $4.50 per box
     - Glass Coverslips – 6 boxes - $8.00 per box
     - Slide Holder Strip – 1 per station - $8.55
     - Wright’s Blood Stain Solution - 500 mL Bottle – 5 bottles - $15.70 per bottle
     - Lens Tissue 20 boxes - $1.25
     - Immersion Oil Cleaner – 5 bottles - $3.75
     - Immersion oil – 5 bottles - $5.10
     - Agricultural Animals and Human Parasites Slide Set - Set of 5 - $36.95
     - General Parasitology Slide Set - Set of 12 Slides - $123.00
Trauma equipment and supplies:
- CPR Dog - $1000.00
- Bandage Materials – various sizes and lengths
- Bandage scissors - 6 total
- Gauze (6 rolls)
- Vet wrap (2”/4”) – 10 rolls
- Gauze sponges (3” or 4” square most common size) – 5 boxes
- Zonas porous tape -1” works well – 20 rolls
- Cotton rolls – 10 rolls
- Stethoscopes – 5 - $10.00
- Thermometers - (6 digital, 6 mercury) **Allison Lyles, AST, Lovejoy HS writes** “the students need to be able to read the “old fashioned” mercury ones as well as the digital. They also make glass ones specifically for large animals-more heavy duty.”
- K-Y Jelly (1 total)

Fecal flotation solution (I’m not sure if you all will need/want this) Your students would have to learn intestinal worm identification

- How to Stitch Wounds Kit - $59.00
- Suture Needle and suture material – various sizes and types - $2.85
- Sharps containers – (2) - Should be OSHA approved
- Dissecting Set (WARD’S Natural Science $30.95 ea)
- Scalpels and blades – various types and sizes
- Media Bottles Reagent Bottles - $3.70
- Fine-Tip Pipets – Box of 400 - $22.95
- Glass Test Tubes with Rims – sizes from 10mm to 75mm - Pkg. of 72 $21.60
- Slant Tube Rack $46.75
- Isopropyl Alcohol - can be purchase by the pint or gallon (32oz)
- Hydrogen peroxide (32oz) (same as alcohol)
- Needles - 1 box of each size - the most common sizes are 24ga,25ga,22ga,20ga,18gas,16ga-length varies with what its used for
- Syringes - 1 box of each size - most common sizes-1ml, 3ml,6ml,12ml, 20ml,35ml,60ml-I’d recommend getting the regular tip kind-works best for all around use
- Sterile saline - sizes vary in amount
- Centrifuge – Put on wish list
- Autoclave – Put on wish list

(This list of suggested resources for Vet Tech instruction was provided by Allison Lyles and Charles Casada.)

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