

Resource	Author / Publisher	Location	Notes
<b>Animal Health Care</b>	Infovets.com – Animal Health Publishers	<a href="http://www.infovets.com/styl/es/?page=home%2Ehtm">http://www.infovets.com/styl/es/?page=home%2Ehtm</a>	A series of <b>animal health</b> manuals and on-line resources written by veterinarians for dog, cat, and horse owners, as well as beef and cattle ranchers, and dairy producers
<b>ATV Safety</b>	TN Coalition for ATV Safety	<a href="http://www.childrenshospital.vanderbilt.org/services.php?mid=9630">http://www.childrenshospital.vanderbilt.org/services.php?mid=9630</a>	This resource can be used to meet any course safety standard where ATVs are used. The Tennessee Coalition for ATV Safety website provides factual information, safety training programs, educational materials, and web links. Online and downloadable resource are available while some training programs may require additional fees and advanced planning.
<b>Carnivore Gross Anatomy</b>	University of Minnesota – College of Veterinary Medicine	<a href="http://vanat.cvm.umn.edu">http://vanat.cvm.umn.edu</a>	This is an excellent website that provides online self-test, including muscle systems and links to other online resources from other veterinary colleges. Information is at a high level of complexity, but broken down into smaller segments for secondary understanding.
<b>Dog Owner Regulations and Laws</b>	American Kennel Club	<a href="http://www.akc.org/dogowner/government_relations/index.cfm">http://www.akc.org/dogowner/government_relations/index.cfm</a>	Can be used to meet standards 6, 7, 12, and 13 in Small Animal Science
<b>Economic Impact of Tennessee Agriculture and Forestry</b>	Tennessee Department of Agriculture	<a href="http://www.tn.gov/agriculture/article/ag-eac-economic-impact">http://www.tn.gov/agriculture/article/ag-eac-economic-impact</a>	This website provides summative economic impact information with a link the Overview of Tennessee Agriculture. This site will help provided information for all standards needing state, regional, or county agriculture data.

<b>Emerging Technologies in Agriculture</b>	National FFA Organization	<a href="http://www.magnetmail.net/Actions/email_web_version.cfm?publish=newsletter&amp;user_id=NSTA&amp;message_id=3122560">http://www.magnetmail.net/Actions/email_web_version.cfm?publish=newsletter&amp;user_id=NSTA&amp;message_id=3122560</a>	This resource can be used to support course standards dealing with new and emerging technologies. This resource outlines lab activities and recommends video clips. AFRN teachers may need to gain access by using their MyFFA login.
<b>Esri Education Community</b>	Esri	<a href="http://edcommunity.esri.com">http://edcommunity.esri.com</a>	This website provides educational resources to teachers use GIS technology in their classroom by providing: Case studies to help guide instruction and research projects; GeoMentors to help teachers and students use GIS; and sample GIS career videos.
<b>Extension Publications</b>	University of Tennessee	<a href="https://utextension.tennessee.edu/publications/Pages/default.aspx">https://utextension.tennessee.edu/publications/Pages/default.aspx</a>	Links to research publications, industry certifications, and best practices related to all AFRN programs of study.
<b>FFA Learn Resources</b>	National FFA Organization	<a href="https://www.ffa.org/FFAResources/ffalearn/Pages/default.aspx">https://www.ffa.org/FFAResources/ffalearn/Pages/default.aspx</a>	FFA Learn has lesson plans and other resource materials grouped by topic and by career cluster area. These resources cover many subjects including Risk Management, Agri-Entrepreneurship and more.
<b>Freebies for Science Teachers</b>	National Science Teachers Association	<a href="http://www.nsta.org/publications/freebies.aspx">www.nsta.org/publications/freebies.aspx</a>	Free resources for the K-12 classroom. This site includes resources for each program of study. Includes free e-Newsletters full of science and STEM activities for the classroom.
<b>GeoTech Resources</b>	National GeoTech Center of Excellence	<a href="http://www.geotechcenter.org">http://www.geotechcenter.org</a>	Geographic Information Science (GIS) geospatial technology teaching resources such as best practices, data sources, technology, textbooks, curriculum, organizations, case studies, and career pathways. These resources can be used to meet standards in Introduction to Geographic Information Sciences (GIS) course.

<b>GIS Ag Maps</b>	Applied GIS and Remote Sensing: Information, Data, and Analysis	<a href="http://www.gisagmaps.com">http://www.gisagmaps.com</a>	Show and provides information and data in order that GIS and remote sensing. Free downloadable GIS software.
<b>GIS Best Practices by US Department of Agriculture</b>	Esri	<a href="http://www.esri.com/library/bestpractices/agriculture.pdf">http://www.esri.com/library/bestpractices/agriculture.pdf</a>	GIS Best Practices by the US Department of Agriculture. Several of these practices could be replicated on a local, regional or state level as an instructional activity or as student projects. This is a great resource to help introduce GIS technology within several POS.
<b>GIS Related Lessons</b>	ARC Lessons - Esri	<a href="http://edcommunity.esri.com/Resources">http://edcommunity.esri.com/Resources</a>	Online Library of GIS-related lessons at various levels using various software.
<b>GIS Software and Materials</b>	Esri	<a href="http://www.esri.com/software/arcgis/explorer">http://www.esri.com/software/arcgis/explorer</a>	Shows and provides information and data in order that GIS and remote sensing being used in the animal science industry.
<b>Imagine (X-ray) Anatomy</b>	University of Illinois – College of Veterinary Medicine	<a href="http://vetmed.illinois.edu/courses/imaging_anatomy">http://vetmed.illinois.edu/courses/imaging_anatomy</a>	The Imaging Anatomy web site has basic and normal imaging (X-Ray) anatomy of domestic animals. Students will need to have a solid understanding of canine, feline, equine and bovine anatomy. Site provides information that can be used in the Animal and Veterinary Science Program of Study
<b>Informational resource link for all POS</b>	About.com	<a href="http://www.about.com">www.about.com</a>	<b>About.com</b> is a valuable <b>searchable</b> resource for content that helps people to solve the large and small needs of everyday life.
<b>Introduction to Using GIS in the Classroom</b>	Esri	<a href="http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&amp;courseid=2198">http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&amp;courseid=2198</a>	If you have not completed a GIS training session, it is highly recommend to complete this three hour course prior to teaching any GIS standard. You will need to use the free downloadable ArcGIS Online Map Viewer program for this course. Information is provided on the web site.

<b>Labor and Employment Data</b>	O Net online	<a href="http://www.onetonline.org">http://www.onetonline.org</a>	This site has current and projected labor data and job skills aligned to career cluster This site can help with all labor, skills and employment trend standards for all programs of study. Students will need some basic navigation steps.
<b>Labor and Employment Data</b>	US Bureau of Labor and Statics	<a href="http://www.bls.gov">www.bls.gov</a>	This site has current and projected labor data and job skills aligned to career cluster This site can help with all labor, skills and employment trend standards for all programs of study. Students will need to now some of the basic employment terminology to navigate using this site.
<b>Livestock and Pasture</b>	National Center for Appropriate Technology (NCAT) / National Sustainable Agriculture Information Service	<a href="https://attra.ncat.org">https://attra.ncat.org</a>	Articles are at multiple levels of complexity, but offers online publications, news, and video clips. Site also provides links for credible sources for the large aniaml science course.
<b>SAE Project Ideas</b>	National FFA Organization	<a href="https://vimeo.com/161659349">https://vimeo.com/161659349</a>	This is a 2:25 minute video clip that can help students to start or maintain an SAE.

<b>Sample SAE Video Clips</b>	National FFA Organization	<a href="https://vimeo.com/161986994">https://vimeo.com/161986994</a> SAE - Woodworking - <a href="https://vimeo.com/162897443">https://vimeo.com/162897443</a> SAE - Rabbits - <a href="https://vimeo.com/164128457">https://vimeo.com/164128457</a> SAE - Horse Showing - <a href="https://vimeo.com/164628856">https://vimeo.com/164628856</a> SAE - Aeroponics - <a href="https://vimeo.com/165335262">https://vimeo.com/165335262</a>	<p>These video clips provide an excellent insight from a student's perspective the importance of having an SAE. Clips range from 1:25 to 3:01 minutes. These video clips will help meet Agriscience standard 4 or to any student starting a SAE. Copy the desired video address and paste in your web browser. (These links will not work by just clicking on them. If you copy and paste them in, they should work. They can also be accessed by clicking the vimeo link in the cell above and searching the specific SAE video clips on the website. )</p>
<b>Science Based Research Summaries</b>	Science Daily	<a href="http://www.sciencedaily.com">www.sciencedaily.com</a>	<p>This is a great resource for science based information including but not limited research summaries from universities, and other scientific and professional organizations. Use this resource with any course requiring research. Mobil Apps are available.</p>
<b>Stem Classroom Archive</b>	National Science Teachers Association	<a href="http://www.nsta.org/publications/archive-stem.aspx">www.nsta.org/publications/archive-stem.aspx</a>	<p>Forum for ideas, journal articles and resources for all course standards requiring research.</p>
<b>STEM In Agriculture</b>	The STEM Classroom	<a href="http://www.magnetmail.net/Actions/email_web_version.cfm?publish=newsletter&amp;user_id=NSTA&amp;message_id=3122560">http://www.magnetmail.net/Actions/email_web_version.cfm?publish=newsletter&amp;user_id=NSTA&amp;message_id=3122560</a>	<p>Articles are at multiple levels of complexity, but offers online publications, news, sustainable and organic farming practices, alternative crop and livestock, and innovative marketing. Site also provides links for credible sources for eachcourse. Click on the home link to access additional free materials.</p>

<b>Sustainable Agriculture Information</b>	National Center for Appropriate Technology (NCAT) / National Sustainable Agriculture Information Service	<a href="https://attra.ncat.org">https://attra.ncat.org</a>	Articles are at multiple levels of complexity, but offers online publications, news, sustainable and organic farming practices, alternative crop and livestock, and innovative marketing. Site also provides links for credible sources for each AFNR POS.
<b>TennesseeAg.org</b>	FACCT (Farm Animal Care Coalition of Tennessee	<a href="http://www.tennesseeag.org">http://www.tennesseeag.org</a>	TennesseeAg.org provides general Tennessee agricultural facts with resource and media links. Materials are at multiple levels of complexity to help the student to become proficient in the care and production of food animals.
<b>US Farm Bill and Federal Legislation</b>	United States Department of Agriculture	<a href="http://www.usda.gov/farmbill">www.usda.gov/farmbill</a>	Articles are at a high level of complexity, but archives can be accessed online and searched by topic to find informational texts on a variety of topics.
<b>USDA Employment Trend and Forecast</b>	United States Department of Agriculture	<a href="https://www.purdue.edu/usda/employment/science-and-engineering">https://www.purdue.edu/usda/employment/science-and-engineering</a>	Provides national agricultural employment trends and forecast. Can be used to help meet the course standards dealing with labor market information.
<b>Veterinarians On Call</b>	Zoetis services LLC	<a href="https://www.youtube.com/user/veterinariansoncall">https://www.youtube.com/user/veterinariansoncall</a>	Over 100 three to YouTube clips covering over 100 topics related to care of farm animals and companion animals. These three to eight minute clips can be used to help support several of the Veterinary and Animal Science POS course standards.
<b>Veterinary Career and Rabies Identification and Prevention</b>	The American Veterinary Medical Association, with a kind contribution from GlaxoSmithKline	<a href="http://avma.ait.net">http://avma.ait.net</a>	Instructional DVDs to educators/mentors of students interested in the veterinary field. If you would like to order a free copy for classroom use, visit the website.

<b>Veterinary Technician News</b>	National Association of Veterinary Technicians in America	<a href="http://www.navta.net">http://www.navta.net</a>	Provides links to credible articles, case studies and online training materials including videos that can be used with Small and Large Animal Science and the veterinary Science courses. Articles and case studies are at a high level of complexity, but achievable with some scaffolding.
<b>Water Management</b>	National Center for Appropriate Technology (NCAT) / National Sustainable Agriculture Information Service	<a href="https://attra.ncat.org">https://attra.ncat.org</a>	Articles are at multiple levels of complexity, but offers online publications, news, and video clips. Site also provides links for credible sources for each AFNR POS.
<b>Web Soil Survey</b>	USDA - Natural Resource Conservation	<a href="http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm">http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm</a>	This web soil survey provides soil data and information for general and farm use. Use this resources to help with soil assesment, conservation and engrineering applications. This resource will help support standards dealing with soils, plant growth, and environmental factors.