

2017 National 4-H Volunteer e-Forum  
STEMming into Animal Science, Growing True Leaders  
Resource List

Resource	Type	Species	Topics Included	Website	Cost
<b>*Agsploration: The Science of Maryland Agriculture</b> University of Maryland Extension	Digital Download	Multiple	Meat Science, Digestive System, Nutrition, Careers	<a href="https://extension.umd.edu/agsploration">https://extension.umd.edu/agsploration</a>	\$ -
<b>*Livestock-Maker Science Experiments</b> Purdue Extension	Digital Download	Multiple	Animal by-products, Forages, Working Facilities, Biosecurity		\$ -
4-H AgriScience	Digital Download		AgriScience, Biotechnology, Teens Teach	<a href="http://4-h.org/parents/curriculum/agriscience/">http://4-h.org/parents/curriculum/agriscience/</a>	\$ -
4-H Animal Science Anywhere Michigan State University	Digital Download	Multiple	Meat Science, Digestive System, Reproduction	<a href="http://msue.anr.msu.edu/resources/4_h_animal_science_anywhere">http://msue.anr.msu.edu/resources/4_h_animal_science_anywhere</a>	\$ -
4-H Science Toolkit: Animal Science Cornell University	Digital Download	Multiple	Body Temperature, Immunity, Animal Behavior	<a href="https://extension.purdue.edu/4h/Documents/Volunteer%20Resources/Livestock%20Volunteers/Animal%20Science.pdf">https://extension.purdue.edu/4h/Documents/Volunteer%20Resources/Livestock%20Volunteers/Animal%20Science.pdf</a>	\$ -
4-H SET: Animal Science University of California	Digital Download	Multiple	Management, Meat Science, Animal Behavior, Anatomy	<a href="http://4h.ucanr.edu/Resources/Curriculum/FREE/">http://4h.ucanr.edu/Resources/Curriculum/FREE/</a>	\$ -
Afterschool Agriculture Acres of Adventure	Digital Download or Online Instruction	Multiple	Beginning/ cloverbud Ag. activities, agriculture in the classroom	<a href="http://4-h.org/parents/curriculum/afterschool-agriculture/">http://4-h.org/parents/curriculum/afterschool-agriculture/</a>	Varies
Beef Quality Assurance Manuals National Cattlemen's Beef Board	Digital Download	Beef Cattle Dairy Cattle	Beef Quality Assurance	<a href="http://www.bqa.org/resources/manuals">http://www.bqa.org/resources/manuals</a>	\$ -
Beef Resource Handbook Ohio State University	Manual	Beef Cattle	Management, Reproduction and Genetics, Meat Science	<a href="http://estore.osu-extension.org/Beef-Resource-Handbook-P147.aspx">http://estore.osu-extension.org/Beef-Resource-Handbook-P147.aspx</a>	\$18.50
Discover 4-H Clubs Curriculum Utah State University Extension	Digital Download	Multiple	Management, Production, Showmanship	<a href="http://utah4h.org/discover/">http://utah4h.org/discover/</a>	Varies

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Fertis the Fistulated Steer: Revealing the Rumen at Open House	Digital Download	Cattle	ruminant digestion	<a href="http://www.youtube.com/watch?v=-ban6fHArBU">http://www.youtube.com/watch?v=-ban6fHArBU</a>	\$ -
Goat Resource Handbook Ohio State University	Manual	Meat Goat Dairy Goat	Management, Reproduction, Nutrition, Diseases	<a href="http://estore.osu-extension.org/Goat-Resource-Handbook-P32.aspx">http://estore.osu-extension.org/Goat-Resource-Handbook-P32.aspx</a>	\$21.25
Grow For it Curriculum NC State University	Digital Download	Gardening	Plant Science, soil, composting, etc.	<a href="http://www.growforit.org/curriculum">http://www.growforit.org/curriculum</a>	\$ -
Iowa Livestock Resources Iowa State University	Digital Download	Multiple	Production, Management, Veterinary Science	<a href="http://www.extension.iastate.edu/4h/projects/livestock">http://www.extension.iastate.edu/4h/projects/livestock</a>	\$ -
National 4-H Council Dairy Goat Curriculum	Printed Curriculum (set of 4)	Dairy Goats	Selection, Feeding, Showmanship, Health	<a href="http://www.4-hmall.org/Category/4-hcurriculum-dairy-goat.aspx">http://www.4-hmall.org/Category/4-hcurriculum-dairy-goat.aspx</a>	\$19.50
National 4-H Council Beef Curriculum	Printed Curriculum (set of 4)	Beef Cattle	Breeds, Parts, Meat Science, Health Management	<a href="http://www.4-hmall.org/Category/4-hcurriculum-beef.aspx">http://www.4-hmall.org/Category/4-hcurriculum-beef.aspx</a>	\$19.50
National 4-H Council Dairy Cattle Curriculum	Printed Curriculum (set of 4)	Dairy Cattle	Breeds, Calving and Care, Ration Balancing, Products	<a href="http://www.4-hmall.org/Category/4-hcurriculum-dairy-cattle.aspx">http://www.4-hmall.org/Category/4-hcurriculum-dairy-cattle.aspx</a>	\$19.50
National 4-H Council Meat Goat Curriculum	Printed Curriculum (set of 4)	Meat Goat	Selection, Feeding, Parasite Control, Reproduction	<a href="http://www.4-hmall.org/Category/4-hcurriculum-meat-goat.aspx">http://www.4-hmall.org/Category/4-hcurriculum-meat-goat.aspx</a>	\$19.50
National 4-H Council Sheep Curriculum	Printed Curriculum (set of 4)	Sheep	Selection, Feeding, Health Management, Products	<a href="http://www.4-hmall.org/Category/sheep.aspx">http://www.4-hmall.org/Category/sheep.aspx</a>	\$19.50
National 4-H Council Swine Curriculum	Printed Curriculum (set of 4)	Swine	Breeds, Parts, Meat Science, Breeding	<a href="http://www.4-hmall.org/Category/swine.aspx">http://www.4-hmall.org/Category/swine.aspx</a>	\$19.50

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National 4-H Council Veterinary Science Curriculum	Digital Download (set of 5)	Multiple	Animal Care, Biomedical Research, Food Safety	<a href="http://www.4-hmall.org/Category/veterinary-science.aspx">http://www.4-hmall.org/Category/veterinary-science.aspx</a>	\$34.99
National Pork Board	Digital Download	Swine	Animal Care, Breeding, Reproduction, Biosecurity	<a href="http://www.pork.org/youth-and-education/youth-production-resources/">http://www.pork.org/youth-and-education/youth-production-resources/</a>	Varies
Noble Academy Noble Research Institute	Digital Download		Chemistry, Biochemistry, Biology, Genetics	<a href="https://www.noble.org/education/noble-academy/lessons/">https://www.noble.org/education/noble-academy/lessons/</a>	\$ -
Quality Counts Texas AgriLife Extension	Digital Download	Multiple	Pillars of Character, Quality Assurance, Meat Science	<a href="http://anr.ext.wvu.edu/r/download/180164">http://anr.ext.wvu.edu/r/download/180164</a>	\$ -
Sheep Resource Handbook Ohio State University	Manual	Sheep	Management, Nutrition, Diseases, Meat Science	<a href="http://estore.osu-extension.org/Sheep-Resource-Handbook-for-Market-and-Breeding-Projects-P71.aspx">http://estore.osu-extension.org/Sheep-Resource-Handbook-for-Market-and-Breeding-Projects-P71.aspx</a>	\$27.50
Swine Resource Handbook Ohio State University	Manual	Swine	Management, Digestive System, Nutrition, Diseases	<a href="http://estore.osu-extension.org/Swine-Resource-Handbook-for-Market-and-Breeding-Projects-P148.aspx">http://estore.osu-extension.org/Swine-Resource-Handbook-for-Market-and-Breeding-Projects-P148.aspx</a>	\$19.50
Youth Beef Quality Assurance (Pacific Northwest) University of Idaho	Digital Download	Beef Cattle	Management, Ethics and Animal Welfare, Health	<a href="https://extension.usu.edu/cache/files/Youth_Beef_Quality_Assurance.pdf">https://extension.usu.edu/cache/files/Youth_Beef_Quality_Assurance.pdf</a>	\$ -
Youth Beef Quality Assurance (Oklahoma)	Digital Download	Beef Cattle	Beef Quality Assurance	<a href="http://4h.okstate.edu/literature-links/lit-online/animal-science-companion-animals/copy_of_YBQAforleaders.pdf">http://4h.okstate.edu/literature-links/lit-online/animal-science-companion-animals/copy_of_YBQAforleaders.pdf</a>	\$ -
Youth for the Quality Care of Animals	Online Training Modules	Multiple	Food Safety, Animal Well-being, Character Awareness	<a href="http://yqca.org/">http://yqca.org/</a>	\$12.00
Youth PQA Plus Manual National Pork Board	Manual Digital Download	Swine	Pork Quality Assurance	<a href="http://www.pork.org/youth-pqa-plus/program-materials/">http://www.pork.org/youth-pqa-plus/program-materials/</a>	\$ -

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