

Publisher	Title of Material	Author	Copyright	Grade Level	ISBN	Correlation
Cengage	Aquaculture Science	Parker	2012	9-12	9781435488120	Comprehensive AG 560
	Notes: Matches standards, easy to understand, complete, excellent content, written by Idahoan so lots of local knowledge and pictures. DVD/CD has study guides, worksheets and crosswords, but not stored online. Needs more connections to online materials.					Component AG 536
	Key Features: Key features include: Objectives, key words, review questions, and end of chapter activities to help monitor student progress and reinforce learning. Full color illustrations, photos, charts, and tables to provide visual reinforcement. A complete chapter on aquaculture career opportunities. Reflection of latest production methods, species types, disease treatments, advances in technology, trends, and statistics. URLs of useful websites throughout the book and appendix. National Agricultural Education Standards integration throughout.					Supplemental Resource AG 350
	Aquaculture Science, ClassMaster	Parker	2012	9-12	9780840020895	
	Aquaculture Science, Lab Manual with Instructor's Manual	Parker	2012	9-12	9781435488090	
	Aquaculture Science, Lab Manual with Instructor's Manual	Parker	2012	9-12	9781435488106	
Cengage	Modern Livestock and Poultry Production	Flanders	2016	9-12	9781133283508	Comprehensive AG 140
	Notes: Update of long time traditionally used text in Ag Ed. Follows standards, has content for every level, good correlation to National FFA CDE livestock judging. Website has standards, image gallery and supplemental documents. It contains updated production data & pictures, and SAE connections. The lab manual is good. The livestock evaluation contains basic content and the equine section is lacking.					Component AG 310
	Key Features: Designed for career and technical high school students who require competency in all phases and types of livestock production, the Ninth Edition of MODERN LIVESTOCK AND POULTRY PRODUCTION has been revised to include the most up-to-date, comprehensive information in the field. With coverage of basic animal science and livestock industry information as well as current issues in animal agriculture, this engaging text covers everything students need to know about livestock and poultry animals for classroom study and beyond. Through updated visual aids, real-world applications, and comprehensive study tools, the Ninth Edition provides students with a solid understand of the anatomy, physiology, nutrition, feeding, and reproduction of multiple livestock and poultry breeds. *NEW* STUDY AIDS. A List of Key Terms at the beginning of each chapter is designed to help instructors prepare the classroom "Word Wall" and allow students to create their own dictionary of new terms as they build their vocabulary and develop skills in livestock and poultry production. *NEW* CONCEPT INTEGRATION. New "Connections" feature integrates concepts in livestock and poultry production with other curricula and life applications to spark student interest and encourage students to think beyond the scope of the classroom. *NEW* VISUAL AIDS. Graphics, tables, statistical facts and figures, and example problems have been revised to reflect the most up-to-date information available. *NEW* REAL-WORLD RELEVANCE. The sheep and goat section has been heavily revised to reflect goat production as a major agricultural enterprise. Included is one of the most comprehensive and in-depth references available on Goat Judging. *NEW* EXPANDED LEARNING PACKAGE. A new Lab Manual contains additional activities and exercises that correspond with the text. MindTap offers a dynamic online course solution complete with activities and assignments, enhanced e-reader capabilities, and embedded lab exercises.					Supplemental Resource AG 530
	Modern Livestock and Poultry Production, Vital Source eBook	Flanders	2016	9-12	9781285345192	

2015 Adoption Guide

Correlation to Agriculture & Natural Resources

Effective through 12/31/2020

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	Modern Livestock and Poultry Production, IAC MINDTAP (1 YEAR)	Flanders	2016	9-12	9781305492158	
	Modern Livestock and Poultry Production, ePin GEN MindLink Mtap	Flanders	2016	9-12	9781305492172	
	Modern Livestock and Poultry Production, Student Edition + Mind Tap (1 year)	Flanders	2016	9-12	9781305468153	
	Modern Livestock and Poultry Production, Student Edition + MindTap (6 years)	Flanders	2016	9-12	9781305468146	
	Modern Livestock and Poultry Production, CourseMate + Vital Source (6 years)	Flanders	2016	9-12	9781305468160	
	Modern Livestock and Poultry Production, , Lab Manual	Flanders	2016	9-12	9781133283546	
	Modern Livestock and Poultry Production, Instructor's Website	Flanders	2016	9-12	9781305641273	
Cengage	Metal Fabrication Technology for Agriculture	Jeffus	2011	9-12	9781435498570	Highly Recommended as a comprehensive program for Agricultural Fabrication
	<p>Notes: Strengths- Great pictures, organizers; starts basic and builds on that; great teacher resources; easy to use/color; not too large; very durable; no industry bias. Weaknesses- No teacher's instructional guide; no test generator; specific to welding courses, not a generic Ag. Mechanics book.</p> <p>Key Features: METAL FABRICATION TECHNOLOGY FOR AGRICULTURE, 2E provides your students with an easy-to-understand, safety-conscious introduction to agricultural welding processes and techniques. Each section of this full-color book begins by introducing your students to equipment and materials used in agricultural welding and includes complete setup instructions.</p> <ul style="list-style-type: none"> • Contains experiments that allow students to develop new, hands-on skills while gaining an understanding of the parameters of each welding process discussed in the book. • Includes practices that provide opportunities for your students to fine-tune their skills using different materials and different material thicknesses in a variety of positions. • Includes a completely updated chapter on plasma cutting. • Updated art and photos throughout the book reflect current welding equipment, supplies, materials, and processes. • Gas Metal Arc Welding and Flux Cored Arc Welding reflect new filler metals, processes, and applications. 					
	Metal Fabrication Technology for Agriculture, Vital Source eBook (6 year access)				9781285351148	
	Metal Fabrication Technology for Agriculture, Instructor Resource CD-ROM				9781435498563	

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Cengage	Power Equipment Engine Technology	Abdo	2011	9-12	9781418053888	Recommended as a comprehensive program for Small Gas Engines	
	<p>Notes: Should be used with small engines course not Ag Power. Strength: good picture on front cover. Weaknesses: hard to read and confusing diagrams. Black and white (and blue) colors not engaging, too technical, high level reading, would work better in a tech school or industry.</p> <p>Key Features: POWER EQUIPMENT ENGINE TECHNOLOGY (PEET) has been written to make the learning experience enjoyable with easy-to-read-and-understand chapters and over 600 illustrations to assist visual learners with content comprehension. Give yourself a head-start in today's world with PEET – giving you the knowledge you need with a solid education prior to working in the field.</p> <ul style="list-style-type: none"> • Excellent use of full-color illustrations and photos, and an easy-to-read writing style is used to cover varying degrees of student comprehension. • The text does a great job of introducing electrical theory. The foundation this textbook sets with its basic maintenance and troubleshooting will serve students well as they move into more advanced courses. • An exceptionally organized layout of chapters provides a more logical read than that of other books with similar content. • This book never misses a beat, with amazing attention to detail and descriptive narrations with up-to-date and accurate information. • An extra all-encompassing student workbook facilitates learning and the application of knowledge and skills. 						
	Power Equipment Engine Technology, Vital Source eBook (6 year access)						9781285351643
	Power Equipment Engine Technology, Instructor Resource CD-ROM						9781418053901
Power Equipment Engine Technology, Workbook					9781418053895		

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Cengage	Welding Principles and Applications	Jeffus	2012	9-12	9781111039172	Highly Recommended as a comprehensive program for Agricultural Welding	
	<p>Notes: Very comprehensive. Use for Advanced and Intro Welding. Some sections too advanced for this course. Strengths: Very comprehensive, use for advanced and intro welding, great pictures and charts, durable, power point, test bank. Weaknesses: overwhelming, some sections too advanced for this course, smaller print size.</p> <p>Key Features: WELDING: PRINCIPLES AND APPLICATIONS, 7E has been updated to include new welding processes, technologies, techniques and practices. It also contains hundreds of new and updated photographs and illustrations, as well as environmental and conservation tips. Your students will find tight shots of actual welds that will help them quickly learn a variety of different welding processes used today.</p> <ul style="list-style-type: none"> • Includes hundreds of new and updated photographs and line art. • Includes environmental and conservation tips. • Includes new welding processes and technologies. • Contains expanded material on processes such as Plasma Cutting, Flux Cored Arc Welding, and Gas Metal Arc Welding. • Contains new chapters that include Shop Math, Reading Technical Drawings, and Fabricating Techniques and Practices. • Covers the most current welding technologies, so your students can feel confident that they are well-prepared for entering today's welding field. • Includes a newly revised companion Study Guide/Lab Manual that makes it easy for your students to gain hands-on welding practice. 						
	Welding Principles and Applications, CourseMate						9781111124809
	Welding Principles and Applications, Vital Source eBook (6 year access)						9781133209478
	Welding Principles and Applications, Instructor Resource CD-ROM						9781111039165
Welding Principles and Applications, Study Guide/Lab Manual					9781111039189		

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Cengage	Agricultural Mechanics : Fundamentals & Applications	Herren	2015	9-12	9781285058955	Highly Recommended as a comprehensive program for Introduction to Agricultural Mechanics
<p>Notes: Very comprehensive. Covers several ag content areas. Good pictures and diagrams. Great high school book. Contains plans. Don't have to teach in order- can jump around. Good teacher resources. Overbearing because so large- could intimidate students.</p> <p>Key Features: This trusted text provides a thorough introduction to agricultural mechanics, covering fundamental mechanical and engineering theory, common tools and materials, and a wide range of practical applications. Units explore essential topics such as career opportunities, shop orientation and procedures, woodworking and metal working, tool fitting, project planning, cutting and welding, paints and paint application, power mechanics, electrical wiring, plumbing, hydraulics, concrete and masonry, and agricultural structures.</p> <ul style="list-style-type: none"> Expanded coverage of safety using power hand tools, stationary power equipment and other areas has been added. The Relevant Websites at the end of each unit have been updated to provide clearer search information in the event web links change or become out of date. This proven text provides a comprehensive and engaging introduction to agricultural mechanics, exploring basic mechanical and engineering theory, essential tools and materials, and a wide range of real-world projects. The text features dedicated chapters on dozens of critical topics, including metal and career selection, wood and metal working, tool identification, project planning, cutting and welding, paints and paint application, power mechanics, electrical wiring, plumbing, hydraulics, concrete and masonry, and agricultural structures. 						
Agricultural Mechanics : Fundamentals & Applications, CourseMate					9781285851501	
Agricultural Mechanics : Fundamentals & Applications, Vital Source eBook (6 year access)					9781305176300	
Agricultural Mechanics : Fundamentals & Applications, Instructor's Website					9781285058986	

	Agricultural Mechanics : Fundamentals & Applications, ClassMaster CD-ROM				9781285058993	
	Agricultural Mechanics : Fundamentals & Applications, Lab Manual				9781285059013	
CEV Multimedia, Ltd.	iCEV Agricultural Science	CEV Multimedia, Ltd.	2015	9-12		Comprehensive
	Notes: A very comprehensive program with online resources. Narration in video may be difficult for students to understand and follow.					
	Key Features: Multimedia-based, online curriculum Featuring Common Core correlations, state-aligned pacing guides and custom playlists Up-to-date, relevant video segments, slide series and other resources Quality, accurate content featuring industry experts Engaging lessons can be viewed on most devices, i.e. PC, Mac, iPad, tablets, etc. Student licenses promote self-paced learning Curriculum provides time-saving lesson plans, thought-provoking student activities, realworld projects and pre-made assessments Career exploration and guidance highlighted in each lesson					
	iCEV Agricultural Science Site Teacher License	CEV Multimedia, Ltd.	2015	9-12	9781603331395	
	iCEV Agricultural Science Site Student License	CEV Multimedia, Ltd.	2015	9-12	9781603337243	

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Goodheart-Willcox	Small Gas Engines	Roth, Fisher, Gauthier	2012	9-12		Highly Recommended as a comprehensive program for Small Gas Engines, Small Engine Repair
	<p>Notes: Strengths: Clear pictures and graphics- easy to understand, especially carburetors, manageable size, comprehensive- goes through engine, could be for intermediate and advanced students. Weaknesses: online textbook hard to read and navigate, no general intro on use and importance of small engines, no teacher edition with notes</p> <p>Key Features: <i>Small Gas Engines</i> explores the principles of small gasoline engine design, construction, and operation. It also presents a detailed overview of small engine maintenance, troubleshooting, service, rebuilding, and repair. In addition, <i>Small Gas Engines</i> includes extensive coverage of outdoor power equipment applications and the specialized service related to each type of equipment.</p>					

	Small Gas Engines Bundle - Text + Online 6yr. Classroom Subscription				978-1-61960-119-2		
	Small Gas Engines - Workbook				978-1-60525-549-1		
Goodheart-Willcox	Principles of Floral Design Bundle - Text + Online Student Center, 6yr. Classroom Subscription	Scace, DelPrince	2015	9-12	978-1-61960-893-1	Comprehensive AG 335, AG 337	
	Notes: Good use of terminology, good supplemental materials. Very well laid out.						
	Key Features: <i>Principles of Floral Design: An Illustrated Guide</i> provides an introduction to the hands-on skills and theory required for career success in addition to the artistic aspect of floral arrangement. This heavily illustrated text acquaints future floral designers with design principles and elements along with the floriculture industry and its careers. It presents the various types of products used in floral design, before progressing into common floral applications and events. This text is also appropriate for students enrolling in the course for fine arts elective credit.						
	Principles of Floral Design - Workbook				978-1-61960-895-5		

Mellor-Delawar, Inc. aka Today's Class	Today's Class Agriscience	Mellor-Delaware, Inc.	2015	10-12		Supplemental Resource
	Notes: Manipulatives are good for engagement, but some of the manipulatives do not work. The content does not align to standards for any particular course.					Agricultural Machinery: Intro to Agricultural
	Key Features: Online interactive textbook with eLearning Resources and Learning Management System (LMS). The program includes complete text, eBooks, quizzes, final exams, assessments, and an end of program exam. Key LMS features are a gradebook, student timer, and a lecture building feature.					