

## Carbon County School District # 2

### Agriculture 2 Curriculum Map

Time Frame	Standard	Content	Literacy
Quarter 1	<p>AS1 - Students will demonstrate knowledge of the impacts of agriculture on society</p> <p>AS2 - Students will demonstrate written and verbal communication skills</p>	<p>AS1-1 Students will identify careers in agriculture industries</p> <p>AS2-3 Students will produce</p> <ul style="list-style-type: none"> <li>- Technical report/research paper</li> <li>- Resume, cover letter and/or job application form</li> </ul>	<ul style="list-style-type: none"> <li>- Identify occupations in agriculture</li> <li>- Technical report/research paper</li> <li>- Resume, cover letter and/or job application form</li> </ul>
	<p>Agriculture and Natural Resource</p> <p>AS3 - Students will demonstrate an understanding of agribusiness principles and skills</p>	<p>AS3-2 Students will maintain and complete as set of financial records based on a Supervised Agriculture Experience Project (SAE) or a simulated class activity.</p>	<p>update and maintain record book on AET</p>
Quarter 1	<p>ASAM8- Metal Fabrication</p> <p>ASAM5 - SMAW</p> <p>ASAM6 - GMAW</p> <p>ASAM7 - Oxyfuel Welding</p>	<p>ASAM8-1 Students will identify types and shapes of metals</p> <p>ASAM8-2 Students will plan and design projects with a bill of materials included</p> <p>ASAM8-3 Students will fabricate shop projects using metal</p> <p>ASAM8-4 Student will use basic math and measuring skills (tape measures, adding, subtracting, fractions)</p>	<p>Use power tool manual to determine proper use and safety practices</p>

		<p>ASAM8-5 Student will read welding project plans</p> <p>ASAM5-1 Student will perform safety inspections of equipment and accessories</p> <p>ASAM5-2 Student will set up for shielded metal arc welding operations on mild steel</p> <p>ASAM5-3 Student will start and restart an arc, crater, and backfill at the edge while running a bead on mild steel plate</p> <p>ASAM5-4 Student will build a pad on mild steel plate in the flat position on mild steel</p> <p>ASAM5-5 Student will weld to specifications a groove and fillet weld in the flat position on mild steel</p> <p>ASAM6-1 Student will perform safety inspections of equipment and accessories</p> <p>ASAM6-2 Student will set up for gas metal arc welding operations on mild steel</p> <p>ASAM6-3 Student will operate gas metal arc welding equipment</p>	
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Quarter 2	AS2 - Students will demonstrate written and verbal communication skills	AS2-1 The student will demonstrate communication skills by selecting, planning, and leading a discussion on an agricultural topic	Students research and prepare a speech on a current agricultural issue or topic
Quarter 3	ASAS4 Students will demonstrate management practices for specific species of animals	ASAS4-3 Students will evaluate and select livestock depending on intended use	<p>*Create a set of livestock reasons and present it to their peers</p> <p>*Read and interpret livestock data</p>
Quarter 4	ASPS1 Understanding of Soil Science	ASPS1-1 Explain the importance of soil	*Read and interpret soil surveys and test data to

	<p>ASPS2 Basic Surveying and Soil and Water Management Skills</p> <p>ASPS5 Demonstrate an understanding plant structure and function</p>	<p>ASPS1-4 Students analyze soil fertility</p> <p>ASPS1-3 Students will describe basic biological, physical, and chemical properties of soil</p> <p>ASPS2-1 Describe land measurement and legal descriptions</p> <p>ASPS5-1 Students demonstrate an understanding of plant cells and seeds</p> <p>ASPS5-2 Students will analyze the function of the stem, roots, and leaves</p>	<p>determine soil type and use</p> <p>*Research and write a paper on non-traditional crops currently being used within the state.</p> <p>*Students be able to identify noxious weeds found in Carbon County</p>
Quarter 3	ASPS7	ASPS7-1-5	*Read, understand, and use chemical labels as well material safety data sheets
Quarter 1-4	<p>ASAB1 - Students will understand basic Business Management Procedures and Agriculture and Natural Resources</p> <p>AS2- Employability Skills</p>	<p>ASAB1-2 Students will maintain agricultural records</p> <p>AS2-2 - Read, comprehend, and interpret technical materials and publications</p> <p>AS2-3 Produce technical reports and research papers.</p>	<p>Students will use AET online record keeping system to complete SAE records and reports</p> <p>Create a proficiency application</p> <p>Read and interpret shop plans</p>
Quarter 1-4	ASAM1 Safety practices in laboratories	<p>ASAM1 -2 Understand appropriate use of clothing protection and personal protective equipment (PPE)</p> <p>ASAM1-4 Identify safe practices for fire and electrical dangers.</p>	

		ASAM1-5 Explain how to create a safe work environment	
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