

Carbon County School District # 2

Agriculture 3 & 4 Curriculum Map

Time Frame	Standard	Content	Literacy
Quarter 1	AS1 - Students will demonstrate knowledge of the impacts of agriculture on society AS2 - Students will demonstrate written and verbal communication skills	AS1-1 Students will identify careers in agriculture industries AS2-3 Students will produce - Technical report/research paper - Resume, cover letter and/or job application form	- Identify occupations in agriculture - Technical report/research paper - Resume, cover letter and/or job application form
Quarter 1	ASAM1 Safety practices in laboratories ASAM2 - Repair Recondition and safely operate hand tools ASAM3 - Safely operate power tools	ASAM1 -2 Understand appropriate use of clothing protection and personal protective equipment (PPE) ASAM1-4 Identify safe practices for fire and electrical dangers. ASAM1-5 Explain how to create a safe work environment ASAM2-1 Sharpen, Recondition, Maintain, and properly store tools ASAM3-1 Select appropriate hand and power tools	Use power tool manual to determine proper use and safety practices
Quarter 2	AS2 - Students will demonstrate written and verbal communication skills	AS2-1 The student will demonstrate communication skills by selecting, planning, and	Students research and prepare a speech on a current agricultural issue or topic

		leading a discussion on an agricultural topic	
Quarter 2	ASAS4 - Students will demonstrate management practices for specific species of animals	ASAS4-1 Students will analyze importance of the industry ASAS4-2 Students will demonstrate knowledge of management principles ASAS4-3 Students will evaluate and select depending on intended use ASAS4-4 Students will identify the nutritional requirements ASAS4-5 Students will demonstrate an understanding of fitting and showing techniques ASAS4-6 Students will demonstrate an understanding of safety around livestock	
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	*Create a set of livestock reasons and present it to their peers *Read and interpret livestock data
Quarter 3	ASAB3 Students will understand basic Agricultural Business Management Procedures	ASAB3-1 Students will understand agriculture credit sources ASAB3-2 Students will understand cash flow planning and analysis ASAB3-3 Students will understand sales, excise and property taxes	Students will analyze and compare credit sources and types, calculate repayment ability, and costs of credit Students will understand agricultural budgeting, cash flow analysis, and the use of

		ASAB3-4 Students will demonstrate understanding insurance and risk management as it relates to agriculture	records for planning and analysis Students will prepare an enterprise budget and a cash flow statement Demonstrate understanding of the purpose of different types of taxes Demonstrate understanding the importance of tax planning and record keeping Demonstrate understanding of the insurance needs applicable to the agriculture and natural resources Identify and describe insurance concerns of agriculture and natural resources
Quarter 4	ASPS1 Understanding of Soil Science ASPS2 Basic Surveying and Soil and Water Management Skills ASPS5 Demonstrate an understanding plant structure and function	ASPS1-1 Explain the importance of soil ASPS1-4 Students analyze soil fertility ASPS1-3 Students will describe basic biological, physical, and chemical properties of soil ASPS2-1 Describe land measurement and legal descriptions	*Read and interpret soil surveys and test data to determine soil type and use *Research and write a paper on non-traditional crops currently being used within the state. *Students be able to identify noxious weeds found in Carbon County

		ASPS5-1 Students demonstrate an understanding of plant cells and seeds ASPS5-2 Students will analyze the function of the stem, roots, and leaves	
Quarter 3	ASPS7	ASPS7-1-5	*Read, understand, and use chemical labels as well material safety data sheets
Quarter 1-4	ASAB1 - Students will understand basic Business Management Procedures and Agriculture and Natural Resources AS2- Employability Skills	ASAB1-2 Students will maintain agricultural records AS2-2- Read, comprehend, and interpret technical materials and publications AS2-3- Produce technical reports and research papers.	Students will use AET online record keeping system to complete SAE records and reports Create a proficiency application Read and interpret shop plans