

**2023 Instructional Material Summer Review Institute**  
**Review Team Appraisal of Title**  
**Grades 7-12 Career and Technical Education**

This appraisal form is provided for use by educators responsible for the selection of instructional materials for implementation with districts and charter schools across New Mexico to meet the need of their student populations.

[NMPED Adoption Information](#)

<b>Text Title</b>	iCEV Introduction to the Science of Agriculture (Individual Course); Core Online Bundle; 1 year license-25 students, 1 teacher	<b>Publisher</b>	CEV Multimedia, LLC
<b>SE ISBN</b>		<b>TE ISBN</b>	9798888640241
<b>SW ISBN</b>		<b>Grade Level/Content</b>	9-10 CTE

**Core Instructional Material Designation** (Core instructional material (CIM) is the comprehensive print and/or digital educational material, including basal material, which constitutes the necessary instructional components of a full academic course of study in those subjects for which the department has adopted content standards and benchmarks.)

**Recommended**  
(90% and above)

**Recommended with Reservations** (80-89%)

**Not Recommended and Not Adopted**  
(below 80%)

**Total Score** - The final score for the materials is averaged between the team of reviewers.

**Average Score**

94%

**Cultural and Linguistic Relevance Recognition** - Materials are reviewed for relevant criteria pertaining to the support for teachers and students in the material regarding cultural relevance and the inclusion of a culturally responsive lens. Those materials receiving a score of 85% or above on the CLR portion of the review are recognized as culturally and linguistically relevant.

**CLR Recognized**

**Average Score**

92%

**FOCUS AREA 3 CULTURAL AND LINGUISTIC PERSPECTIVES AND RESPONSIVENESS:**

**Instructional materials represent a variety of cultural and linguistic perspectives and highlight diversity in culture and language through multiple perspectives.**

*Statements of appraisal and supporting evidence:*

The instructional materials partially meet the criteria for this focus area. Instructional materials provide ample information on content and through the varied informational delivery methods of videos, scenarios and images/graphics used in PPT slides. There is limited specific representation of diverse cultures, languages and perspectives. However, teachers are able to modify certain activity/project parameters to include a more specific region/background to tailor for cultural representation. Linguistics-users are able to download slides and video transcripts and use Google translate to translate in home language.

**CTE Standards Review** - Materials are reviewed for alignment with the state adopted content standards, benchmarks and performance standards.

Average Score
82%

**OVERALL ALIGNMENT**

Materials align with the CTE standards overall, including strands 1-10: Academic Foundations; Communications; Problem Solving and Critical Thinking; Information Technology Applications; Systems; Safety, Health, and Environmental Management; Leadership and Teamwork; Ethics and Legal Responsibilities; Employability and Career Development; and Technical Skills.

*Statements of appraisal and supporting evidence:*

Instructional materials strongly represent all CTE standards. The cross-curricular bridge is fortified with the integration of practical and necessary skills used in the professional setting, including writing, speaking, listening, reading, math, science and social studies. Students are provided opportunities to apply and demonstrate both soft and hard skills through real world simulation projects.

**STRAND ALIGNMENT**

Materials align with specific CTE content strands. *(Optional)*

<b>Strand:</b>	<i>Statements of appraisal and supporting evidence:</i>
Employability and Career Development	Information is presented in various formats such as PowerPoint slides, videos, interviews and handouts. Materials include functional projects such as résumé building, professional portfolio development, mock interviews, and career investigation. Activities allow students to analyze, develop and demonstrate vital soft skills such as appropriate workplace behaviors, communicating effectively with others, and leadership/teamwork practices. Throughout the material courses, students are given real-life scenarios that bridge the connection between academic learning and technical learning.
Leadership and Teamwork	Materials provide several units on Leadership and Teamwork. Students are presented with various informational formats that include slides, videos, role playing activities, personality tests, leadership types and communication exercises to build positive teamwork in the workplace.
Choose CTE Content Strand (optional)	
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Choose CTE Content Strand (optional)	

**CCTC Standards Review** - Materials are reviewed for alignment with the state adopted Common Career Technical Core Career Cluster and Career Pathway standards.

Average Score

98%

**OVERALL ALIGNMENT**

**Materials align with the CCTC standards.**

*Statements of appraisal and supporting evidence:*

Materials provide a wide variety of detailed activities and projects that assess student knowledge and understanding through multiple formative and summative assessments. Materials provide professional videos, activities and projects that highlight diverse career positions, which offer unique insight with connections to the workplace. Units of study are scaffolded, beginning with the world of Agriculture and moving into the different career pathways within the ANFR cluster. The curriculum has heavy focus on the skills needed for the world or work and how these skills are necessary in agriculture careers.

**CAREER CLUSTER**

**Materials align to the CCTC standards for the Career Cluster reviewed.**

*Statements of appraisal and supporting evidence:*

The material focuses on the Agriculture, Food & Natural Resources (AFNR) Career Cluster. The units of study examine and summarize industry systems, career opportunities, industry stewardship of natural resources and the environment, and the role of AFNR careers in society and the economy. Business and industry standards are addressed in the curriculum. Students learn to analyze issues, trends, technologies, and public policies in regard to this career cluster. Students are presented with career and educational information for entering and advancing in certain careers.

**CAREER PATHWAY(s)**

**Materials align to the CCTC standards for the Career Pathway reviewed.**

*Statements of appraisal and supporting evidence:*

The material was reviewed for the animal system career pathway. Agricultural history and current trends are covered in units of study. Animal husbandry and welfare units of study provide informational PowerPoint slides as well as instructional videos. Student activities and projects allow for the instructor to measure student understanding and utilization of protocols and best practices. Units on animal reproduction and breeding systems are present. Videos along with PowerPoint slides on classification and evaluation of a variety of livestock are present. Units of study contain vocabulary, activities and projects to coincide with learning objectives and essential questions to address specific standards. The material meets all of the standards for this career pathway.

**CTE Content Review** - Materials are reviewed against relevant criteria pertaining to the support for teachers and students in the specific content area reviewed.

Average Score
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100%
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#### **FOCUS AREA 1 SEQUENCING AND ARTICULATION**

**Instructional materials show sequencing and articulation within and across grade bands and/or pathways.**

*Statements of appraisal and supporting evidence:*

The Instructional materials meet this focus area. Each unit lesson plan provides detailed lesson objectives and standards breakdown, and also includes a timeline for daily class instruction with the recommended number of days to complete the unit. The course page is easy to navigate and is organized within the vertical alignment of the course of study. Foundational lessons are placed on top with the succession of more challenging/in-depth lessons following. The teacher has the ability to modify the order of lessons in which students will view them. Lesson plans also provide various Common Core, Career Cluster standards as well as Career and CTSO connection resources.

#### **FOCUS AREA 2 ENGAGING INSTRUCTION**

**Instructional materials are engaging for students.**

*Statements of appraisal and supporting evidence:*

Materials meet the criteria for the focus area. Instruction can be presented through prepared PowerPoints, instructional videos and interviews. There are numerous assignments and projects for individual or group work. Assignments are varied and range from posters to PowerPoints and video production to essay writing. The material is compatible with online learning platforms. There are interactive components to the units of study to provide students immediate feedback on assessments. Material is relevant to the career cluster. Materials include student guided notes.

#### **FOCUS AREA 3 CAREER DEVELOPMENT**

**Instructional materials provide career development information for students.**

*Statements of appraisal and supporting evidence:*

The materials provide several lessons on career development. One of the projects includes a digital portfolio that students can build on to prepare them for a career in this pathway. There are several video interviews with professionals working in the agricultural field. Students utilize core lessons such as English, math and science throughout several activities and projects that are designed to connect learning to actual skills that are needed and vital to having a successful career in Agriculture-Animal Systems. Informational text such as handouts, PPT slides and videos and interviews provide students with fundamental information on how to enter various industry jobs that include what education and/or certifications, licenses and credentials are needed for certain positions. Students are given opportunity to research practices for job hunting and to are to create and maintain a functional resume that will allow them to apply for industry jobs.

#### **FOCUS AREA 4 TECHNOLOGY**

**Instructional materials incorporate opportunities to use industry appropriate technology.**

*Statements of appraisal and supporting evidence:*

The overall material platform is online, which allows for continuous updates of information and easy and portable access for all users. Student licenses are available to all students to access all interactive activities, projects and assessments. Throughout all course lessons, most student activities/projects require students to use one or more technology tool such as the internet or various computer applications such as PPT, Excel and Word to produce and/or present work.

**All Content Review** - Materials are reviewed against relevant criteria pertaining to the support for teachers and students in the material regarding the progression of the standards, pacing, assessment, individual learners, and cultural and linguistic relevance and responsiveness.

CLR Recognition Average Score	Average Score
92%	96%

**FOCUS AREA 1 RESOURCES AND SUPPORTS FOR TEACHERS AND STUDENTS:**  
**Instructional materials provide teacher resources to support planning and supports for all students.**  
*Statements of appraisal and supporting evidence:*

Material meets the criteria for this focus area in the following ways: Lesson plans are provided for each unit and standards for each unit are aligned with objectives and essential questions. Lesson plans provide sequencing for the units along with recommended pace and time required. The material is compatible with a variety of learning management systems. Each unit of study has interactive activities and assessments. There are recordings, vocabulary handouts and suggested strategies to modify and accommodate students of special populations.

**FOCUS AREA 2 ASSESSMENT**  
**Instructional materials offer teachers a variety of assessment resources and tools to collect ongoing data about student progress related to the standards.**  
*Statements of appraisal and supporting evidence:*

The instructional materials meet this focus area. The materials offer several lab activities and projects, which incorporate both formative and summative assessments. There are resources and tools so that teachers can collect ongoing data on student progress. The data can be exported to an Excel spreadsheet for analysis and for monitoring student growth. The users have the option of stand-alone log in or integrated into a chosen learning management system.

**FOCUS AREA 3 CULTURAL AND LINGUISTIC PERSPECTIVES AND RESPONSIVENESS**  
**Instructional materials represent a variety of cultural and linguistic perspectives and highlight diversity in culture and language through multiple perspectives.**  
*Statements of appraisal and supporting evidence:*

The instructional materials partially meet the criteria for this focus area. Instructional materials provide ample information on content and through the varied informational delivery methods of videos, scenarios and images/graphics used in PPT slides. There is limited specific representation of diverse cultures, languages and perspectives. However, teachers are able to modify certain activity/project parameters to include a more specific region/background to tailor for cultural representation. Linguistics-users are able to download slides and video transcripts and use Google translate to translate in home language.

**Reviewers' Professional Summary** - These materials are reviewed by Level II and Level III educators from across New Mexico. The reviewers have brought their knowledge, experience and expertise into the review of these materials. They offer here their individual summary of the material as a whole.

Reviewer #: R-1

*Background and experience:*

My background and experience includes a BS in Agriculture with a focus on Horticulture, and an MA in Agricultural Extension and Education. I have endorsements in Agriculture, Science, and Vocational Education. For 23 years, I have taught Horticulture and Science in alternative high school settings, specializing in hands-on education, and working with at-risk youth. I currently manage a 30' x 60' greenhouse and a school garden as well as facilitate dual-credit and post-secondary education of incarcerated youth.

*Professional summary of material:*

The CEV Multimedia iCEV Intro to The Science of Agriculture has many lessons that address and meet the NM Career and Technical Education Standards. There is heavy focus on skills needed in the workplace. Reading, writing, mathematics and science are each addressed in specific lessons. There is a section on Microsoft Basics (the 2019 version); students can learn the Office suite: Word, Excel, PowerPoint, Publisher, and Access. The scope and importance of Agriculture is introduced along with multiple interviews with industry professionals. There are lesson plans with scope and sequence included. Suggested timelines in lesson plans that list standards and benchmarks that the lesson aligns to should be helpful to instructors. The material provides strategies to help teachers modify lessons for special student populations. This instructional material is compatible with a variety of learning management systems. Units of study have interactive assignments and assessments available. Each unit of study includes a PowerPoint presentation, student notes, activities and projects and vocabulary assignments. Some units have video instruction on topics. Overall, the material has plenty for the teacher to use and modify for their course. I think it is a good resource and recommend it.

Reviewer #: 2

*Background and experience:*

I am a Level II CTE teacher with sixteen years of teaching experience. I have a Bachelor's of Occupational Education. I have twelve years of experience as CTE department chair. I hold several CTE certifications. I have attended several professional developments around the United States, such as ProStart I- The International Culinary School at The Art Institute of Atlanta, ProStart II- The International Culinary School at The Art Institute of Atlanta, ProStart III- The International Culinary School at The Art Institute of Atlanta, ProStart IV- New England Culinary Institute, National Endowment of Humanities- Taste of America, Johnson & Wales Certified Culinary Essentials Program.

*Professional summary of material:*

The CEV Multimedia iCEV Intro to the Science of Agriculture instructional materials provide several lessons, lab activities, and projects that meet the New Mexico Career and Technical Education Standards. There are several lessons that prepare students for post-secondary education and/or the workforce in this pathway. The importance of the history and future of agriculture on the global economy is emphasized in the materials. There are several lessons that incorporate technology such as Microsoft Basics- Word, Excel, PowerPoint, Office, Publisher, and Access. The core subjects of literacy, mathematics, and science are incorporated into each unit. Most lessons can be adjusted and modified for special populations. The CEV Multimedia ICEV materials are a good resource and I recommend them.

Reviewer #: 3

*Background and experience:*

I have been a CTE ProStart (Culinary Arts/ Hospitality) Teacher for the last 9 years. I am a Level II Teacher. My background includes 18 years of Restaurant Industry experience in various positions which include Restaurant Management and Catering. I hold a BA in Business Management and Human Resources and I am a Certified Secondary Foodservice Educator as well as a Certified Servsafe Instructor and Proctor.

*Professional summary of material:*

I highly recommend the CEV Multimedia/ICEV instructional materials platform. The platform is easy to use and navigate for all users and provides a wide variety of informational delivery methods that embrace all learner types. Course lists are preformulated with the option for the teacher to customize lessons and lesson order/alignment. The course page is well organized and provides clear tabs for special population learning strategies and resources, social and emotional resources, student grading and the lesson plan. The teacher dashboard is easy to use. All lessons include either a PPT or video with diverse representation and detailed content information with the option to download and translate information to better suit learners' home languages. Career Exploration and Connections are throughout all lessons with real professional interviews and reflection activities for students. All CTE standards are well represented through the various lesson activities and projects. Students are presented with various activities that ask them to demonstrate critical thinking, problem solving and effective communication skills, as well as other soft skills. All lessons include a vocabulary glossary, teacher and student notes, multiple activities and projects and final assessments that allow for tracking and monitoring of student understanding and growth. Materials have the option to be static or online, which allows for delivery flexibility. Lesson Plans are provided for all lessons that include clear and organized breakdowns of the Target Goal, Learning Objectives, Essential Questions, and Recommended Pacing for the unit. The Career Cluster and Common Core Standards for math, English and science that are addressed are identified. Activities allow for students to use various technology tools such as the internet and common computer applications. This platform can be used as a stand alone curriculum foundation or as an excellent supplemental resource for an existing curriculum.