

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](#)

Text Title	Health Science Fundamentals: Exploring Career Pathways, 4th Edition -- Student Edition with six (6) MyLab student access code cards	Publisher	Savvas Learning Company LLC
SE ISBN	9780138083229	TE ISBN	9780138082802
SW ISBN		Grade Level/Content	9-12 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

92%

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

85%

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 materials reference the cultural diversity within the medical field throughout. Students are asked to think about how issues are handled in the medical field here in the United States and how other cultures handle health issues.

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

Average Score
89%

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:

The materials address the CTE standards. The material includes language skills development through activities such as "Language Arts Links". Additionally, the materials include activities that support the development of communication in the academic and workplace setting. Problem solving and critical thinking are addressed in the material through a variety of activities for students. However, the materials do not specifically explain or show how soft skills, such as communication, are important in the workplace.

STRAND ALIGNMENT

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

Strand:	<i>Statements of appraisal and supporting evidence:</i>
Problem Solving and Critical Thinking	The materials address employability and career development in various careers within the healthcare field. Students are encouraged to evaluate their strengths and interests and then research different careers to see which career they may be best suited for. The material supports students in learning about how to gain a job and how to identify and monitor workplace performance goals.
Academic Foundations	The materials embed science, math, and English language arts through the critical thinking questions and different activities in each of the chapters.
Choose CTE Content Strand (optional)	
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CCTC Standards Review - Materials are reviewed for alignment with the state adopted Common Career Technical Core Career Cluster and Career Pathway standards.

Average Score

97%

OVERALL ALIGNMENT

Materials align with the CCTC standards.

Statements of appraisal and supporting evidence:

The materials are aligned to the CCTC standards. The materials communicate the academic subject matter needed for various careers in the health field. The materials require students to explain, identify, and evaluate potential hazards, roles and responsibilities, and legal and ethical responsibilities in the workplace.

CAREER CLUSTER

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

Statements of appraisal and supporting evidence:

The materials are aligned to the Health Science Career Cluster standards. The materials provide students with opportunities to simulate workplace scenarios and evaluate accepted ethical practices in the healthcare workplace.

CAREER PATHWAY(s)

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

Statements of appraisal and supporting evidence:

The materials are aligned to the Health Informatics Career Pathway. The material communicates the importance of government laws such as HIPAA, emphasizes the diverse uses of information, and includes information about policies that drive large systems like healthcare. The materials use a variety of activities to help students understand and learn the importance of healthcare information and the maintenance of confidentiality.

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

97%

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 materials are arranged in a sequence of competencies across secondary education that begin with foundational skills and progress to specific skills to build knowledge. The materials encompass technical, academic, and employability skills.

FOCUS AREA 2 ENGAGING INSTRUCTION

Instructional materials are engaging for students.

Statements of appraisal and supporting evidence:

The materials provide projects and problem based instruction where students work in groups to research and present on a variety of topics. The materials incorporate a variety of career development opportunities and support students in career decision making.

FOCUS AREA 3 CAREER DEVELOPMENT

Instructional materials provide career development information for students.

Statements of appraisal and supporting evidence:

The materials provide opportunities for students to obtain information on certifications for different pathways and to connect academic and technical knowledge with the workplace. The materials incorporate technology in learning and include activities that help students research various careers and the steps required to obtain a certification in the corresponding field.

FOCUS AREA 4 TECHNOLOGY

Instructional materials incorporate opportunities to use industry appropriate technology.

Statements of appraisal and supporting evidence:

The materials include word processing software and presentation software. They also includes opportunities to learn about information technology ethics.

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
85%	85%

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:

The materials provide a variety of lessons and activities for students that integrate opportunities for digital learning. The materials contain features such as vocabulary, "Apply It", which are short assignments designed to apply acquired skills or knowledge, and "Career Connections", which are short assignments that connect knowledge to careers. The materials address accommodations and modifications for English Learners and 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 materials include a variety of formative and summative assessments, such as critical thinking questions, end of chapter questions, math links, language links, and portfolio connections. However, the materials do not specify which standards are being assessed in each activity.

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 materials reference the cultural diversity within the medical field throughout. Students are asked to think about how issues are handled in the medical field here in the United States and how other cultures handle health issues.

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 #: 46

Background and experience:

This educator has a Phd in Biology with a concentration in Cellular and Organismal Biology. The teacher currently holds a Level II license with seven years of secondary education and five years of teaching in post-secondary education. The teacher holds an endorsement in Science and a Vocational License. They currently teach Anatomy and Physiology, Advanced Biology, and dual credit Biology courses at the high school and community college level.

Professional summary of material:

Health Science Fundamental: Exploring Career Pathways is an extensive CTE curriculum that is appropriate for all students. The book is clearly organized and broken down so that any level of teacher can teach this subject efficiently. The book is broken down into chapters and each chapter is broken down into sections, each with its own vocabulary review. Furthermore, there is customized instruction for all levels of students, including English Learners and special needs students. The curriculum engages students with different levels of activities such as critical thinking questions, "Apply It" scenarios that ask students to apply the information they have learned, "Career Connections" that allow students to connect the academic content to a career, and case studies. The materials also include "Portfolio Connections" that allow students to prepare for a career by going through a process to create a job packet, and a "Community" section that allows students to get community perspective on healthcare issues.

Reviewer #: 47

Background and experience:

This educator holds a Level III license and has 18 years of experience in both the high school and middle school levels. They currently hold an endorsement in SPED, Language Arts, and TESOL, as well as a Level III B Administrator license.

Professional summary of material:

The Health Science Fundamental: Exploring Career Pathways is a CTE material for a diverse array of students. The book is aligned and organized in a manner that is easy to understand and apply. The text is organized into units and chapters. The sections within each chapter include vocabulary review and links to language arts and math. The materials contain supports for English Learners and special needs students. The material engages culturally and linguistically relevant instruction through activities such as critical thinking questions, "Apply It" questions, "Career Connections", case studies, "Portfolio Connections", and "Community" questions.

Reviewer #: 48

Background and experience:

This teacher holds a Ph.D. in Educational Management with a master's in Natural Science and School Administration and Supervision. He is a Level 3A Instructional Leader for Science, Business Education, TESOL, and Vocational Technical Education. He was one of the recipients of the Shell Urban Science Educator Development, awarded by the National Teaching Association (NSTA). He has been a Science Teacher for 20 years and CTE teacher for 2 years. He has taught subjects such as Biology, Anatomy and Physiology, Biomedical Science, Physics, Chemistry, and Clean Energy Systems.

Professional summary of material:

This is an interdisciplinary material that addresses most of the CTE standards. It contains many opportunities to assess student learning and provides workplace scenarios that give students the chance to practice solutions, decision-making, and apply procedures to solve and explain phenomena. Health ethics and employability skills help prepare students for employment. The material introduces students to certifications, credentials, and pieces of training as part of professional development.