

**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>	DHO Health Science Updated, 9E - Student Edition + MindTap 6-year Access	<b>Publisher</b>	Cengage Learning Inc.
<b>SE ISBN</b>	9780357578506	<b>TE ISBN</b>	
<b>SW ISBN</b>	9780357646434	<b>Grade Level/Content</b>	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**

90%

**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:*

Materials support students with culturally and linguistically diverse backgrounds through the use of various teaching and learning modalities. There is an entire unit on the importance of cultural sensitivity and awareness, which includes explicit guided instruction on working with people from individual cultures/religions/ethnicities. Materials include multiple perspectives in a specific concept from multiple cultures. Materials engage students in critical reflection about their own lives and society as a whole. Additionally, materials review diversity in the US and provide the information on relevance of diversity to global cultures. Pedagogy is included within the activities that supports CLR and EL groups through affirming student identities and backgrounds.

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

Average Score
78%

**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:*

Materials partially align with CTE standards. They provide opportunities to demonstrate competency within the scope of the Healthcare Career Clusters and Pathways. The text includes information for the students to make connections to practical application of acquired knowledge within the workplace. The text, student workbook, and online support materials combined provide evidence that standards are being addressed.

**STRAND ALIGNMENT**

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

<b>Strand:</b>	<i>Statements of appraisal and supporting evidence:</i>
Information Technology Applications	Students employ multiple technical skills including using data based software, presentation software and online content to aid in their education and assessments.
Technical Skills	Students use their technical skills to demonstrate competency in multiple standards including academic standards in language arts and math.
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
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99%
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**OVERALL ALIGNMENT**

**Materials align with the CCTC standards.**

*Statements of appraisal and supporting evidence:*

Materials include multiple opportunities to investigate different pathways with activities and visual aids to assist students in understanding the content. Students are provided with extensive opportunities to explore different pathways within the career cluster.

**CAREER CLUSTER**

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

*Statements of appraisal and supporting evidence:*

Instructional materials require students to conduct research on an extensive variety of pathways from the career cluster. Additionally, students work with their instructor to demonstrate competency through acting out given procedures exhibited within the text and student workbook. Students develop a professional profile to include specific characteristics of themselves as a healthcare worker, making reference to roles and responsibilities in delivering quality healthcare. Likewise, students must demonstrate knowledge of legal and ethical scenarios and make a determination regarding how they should respond to given situations.

**CAREER PATHWAY(S)**

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

*Statements of appraisal and supporting evidence:*

Instructional materials provide students with multiple opportunities to describe and differentiate career pathways. Competency is assessed with teacher supervision and requires students to demonstrate skills with specific tasks to show mastery. For example, one activity requires students to complete a practical application assessment by demonstrating how to clean with ultrasonic equipment. Instructional material provides detailed information on workforce related procedures that are essential to the success of a healthcare worker.

**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

98%

#### **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:*

Instructional materials include summaries, pacing guides, and standards alignment that demonstrate sequential movement from broad foundational to specific skills per the standards. Materials exhibit building of assignments aligned to standards and clearly defined skills sets for each unit as well as demonstrable connections to real-world application. Materials also includes an online companion that contains an instructor's manual that has all the lessons with teaching methods, visual aids, and other essential resources.

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

**Instructional materials are engaging for students.**

*Statements of appraisal and supporting evidence:*

The instructional materials include various opportunities for experiential learning through multiple learning styles. Activities include research work, questions and answer, procedures review and practice, hands-on projects, and team activities. Cited materials incorporate basic skills building and then transitions into deeper exploration of the requirements of a full scope of careers within the career cluster. This assists students in gaining needed knowledge for skills acquisition.

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

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

*Statements of appraisal and supporting evidence:*

Instructional materials include references to and connections with academic skills such as mathematics and language arts. The textbook, in conjunction with OL Career Module and Student Workbook, provide multiple opportunities to develop skills and then utilize those skills to obtain workforce training and apply for jobs in the field. A comprehensive collection of career pathway opportunities is included within the instructional materials. Students also receive guidance on obtaining certification in various career pathways.

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

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

*Statements of appraisal and supporting evidence:*

Instructional materials incorporate multiple technology tools that are utilized to enhance student learning and improve skills sets through practical application. Provided material includes information on various technology components and how they are specifically utilized within healthcare systems. Students are provided with multiple opportunities to demonstrate competency through "Procedures" activities that exist in every chapter of the text. Additionally, the instructional material includes technology education and practice with specific techniques that are considered essential components of various healthcare career pathways. The instructional materials also provides information on trends and recent developments in the healthcare system.

**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
90%	94%

**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:*

Teacher's Resource Kit includes lesson plans that provide a list of lessons cross referenced to the standards. Estimated time for each lesson, chapter and unit is provided within the instructional materials. Lessons include integrated opportunities for digital and experiential learning. Book Companion Site online offers interactive components and assessments as well as an assessment generator, which supports leveling/scaffolding for students with learning exceptionalities. The students companion site provides Career Readiness modules for student skills enhancement. Multiple teaching and learning techniques throughout the curriculum aid in making meaning of the text. The companion site online offers appropriate support for English Learners and Culturally and Linguistically Diverse students. There are also accommodations and modifications for special populations, such as a Spanish glossary and various learning modalities for each standard.

**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:*

Materials provide multiple options for assessment to include written assessment, online competencies, and practical assessment whereby students perform specific tasks to demonstrate competency. Materials include a variety of formative and summative assessments as well as various checkpoints within the reading. Standards are assessed through content and language objectives. There is a test generator in the online instructor companion that allows teachers to make adjustments to exams as needed for students with varying ability levels.

**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:*

Materials support students with culturally and linguistically diverse backgrounds through the use of various teaching and learning modalities. There is an entire unit on the importance of cultural sensitivity and awareness, which includes explicit guided instruction on working with people from individual cultures/religions/ethnicities. Materials include multiple perspectives in a specific concept from multiple cultures. Materials engage students in critical reflection about their own lives and society as a whole. Additionally, materials review diversity in the US and provide the information on relevance of diversity to global cultures. Pedagogy is included within the activities that supports CLR and EL groups through affirming student identities and backgrounds.

**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 #: 31

*Background and experience:*

Reviewer has a master's degree in Curriculum & Instruction and maintains a diverse background of experience in educational leadership, curriculum development, multi-cultural awareness, and best practices for lifelong learning. With 14 years of experience as a teacher in multiple subject areas, reviewer is licensed in 11 subject areas including Mathematics, Science, Language Arts, Social Studies, Health, PE, Business Education, Technology Education, Visual Arts, Family & Consumer Science, and TESOL.

*Professional summary of material:*

The instructional materials provide students with opportunity to obtain information and utilize new knowledge to exhibit skills for competency in each standard. Content is appropriate for students in grades 9-12 or higher. Materials include various activities and assessments to provide experiential learning to students of all backgrounds. Included within the teacher support is a test generator and a Spanish glossary, as well as standards aligned step-by-step guides to each section of the text. Students are provided opportunities to complete work within a students workbook, through hands-on projects and activities, as well as via online assessments. The instructional materials also support and affirm culturally and linguistically diverse populations through the inclusion of multiple exercises that offer guidance to students when working with individuals from varying backgrounds.

Reviewer #: 32

*Background and experience:*

Reviewer is a teacher of 16 years with experience in multiple countries teaching grades 6 - grade 12. Reviewer is a certified instructor from 2 different states in two different subject areas. Reviewer is Google level 2 certificate educator and also completed TEL exam.

*Professional summary of material:*

The materials include projects that are online and easy to navigate. This text offers a variety of assessments and progress monitoring to address all students' needs. The materials include a Spanish Glossary, which can be supportive for EL students. Planning and pacing guides are logical. The text includes a diverse resource as well as a very broad representation of cultures and ethnicities from multiple viewpoints on same topics. This text has many multiple cultural perspectives to aid students in making a real life decision and reflections on their own cultures and connect with their communities. EL, gifted, advanced and special needs accommodations and modifications are addressed by provided test generator.

Reviewer #: 33

*Background and experience:*

Reviewer is a veteran teacher of 24 years with experience teaching grades 2-6. Reviewer works in a culturally diverse area. Reviewer has an endorsement in science.

*Professional summary of material:*

Materials include multiple informative and summative assessments. There is a test generator to use to meet the needs of all students, including EL, Culturally and Linguistically diverse, and students with exceptionalities. Materials include multiple perspectives from ethnically diverse populations. Lessons are vertically aligned and range from foundational to more complex. There is an online companion that has an instructor's manual and a student manual. It also has a Spanish dictionary. The online companion also has a resource kit, class activities and guidelines for clinical rotations, among other items. Each lesson is correlated to the National Health Care Standards.