

# CTE Instructional Material Review & Adoption

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# High Quality Curriculum – American Education

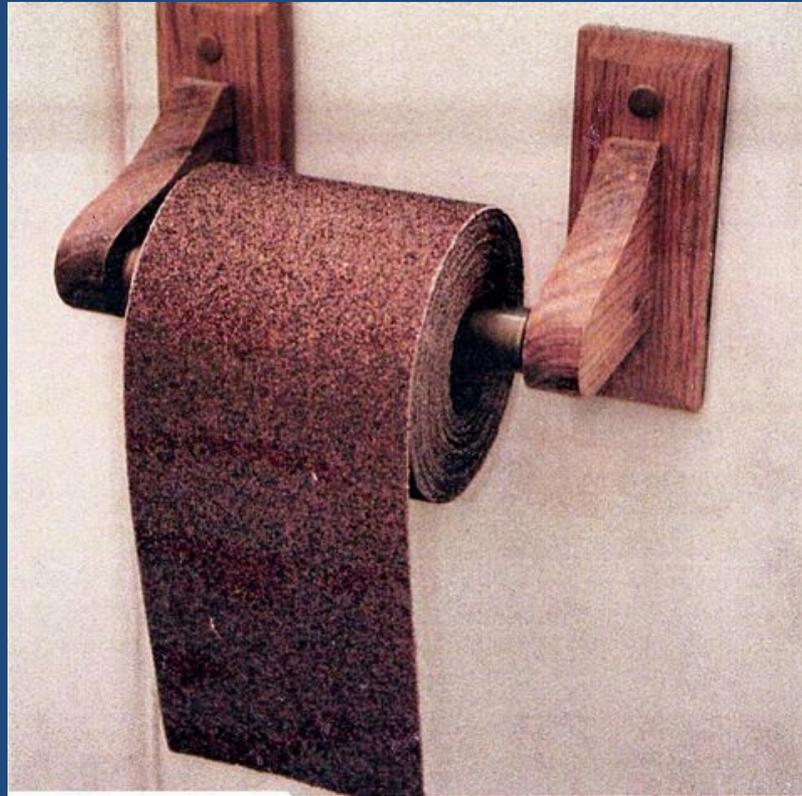
A high-quality curriculum is evidence-based, equity-focused, educator-friendly, and cost-effective. It is also fundamental to a democratic education. As my colleague and our institute's director David Steiner puts it, "What we teach isn't some sidebar issue in American education; it is American education."

# Research

“Students in classrooms that use 1 highly rated curriculum for 4 consecutive years outpaced comparison students by 38 percentile points, equivalent to 4 additional years of learning.”

-Dr. Steiner 2017

# Materials Matter!!!



**NM** Public Education Department

# High-Quality Instructional Materials (HQIM)

HQIM are content-rich, fully accessible, culturally relevant, free from bias, research-based, and aligned to New Mexico state standards. They are written with clear purpose, effective lesson structure, and pacing to provide flexibility for teachers to best suit the learning styles of all students, encouraging inquiry and curiosity. HQIM may also provide a variety of relevant assessments to equip teachers with professional tools to evaluate student comprehension of the content and provide deeper understanding of the standards.

# State Adoption Cycle

Subject Area(s)	Current Adoption		Upcoming Adoption Cycle					
	Summer Review Institute	Contract Period for Adopted Material	Next Summer Review Institute	Contract Period for Adopted Material	Legislative Funding	Initial Allocation for Subject Area	Purchase for School Year	Earliest Delivery Date**
K-12 Science, Arts (Music, Theatre, Dance, Art)	June 2012	2013-2018	June 2018	2019 - 2024	2019 Session	April 2019	19/20 (FY20)	July 1, 2019
K-12 Math, CTE, Driver Ed	June 2013	2014-2019	June 2019	2020 - 2025	2020 Session	April 2020	20/21 (FY21)	July 1, 2020
9-12 ELA/Reading, Core Reading Intervention, Modern, Classical and Native Languages	June 2014	2015-2020	June 2020	2021-2026	2021 Session	April 2021	21/22 (FY22)	July 1, 2021
K-8 ELA/Reading, Core Reading Intervention, Modern, Classical and Native Languages	June 2015	2016-2021	June 2021	2022 - 2027	2022 Session	April 2022	22/23 (FY23)	July 1, 2022
K-12 Social Studies, Reference, NM Native American Art and Culture	June 2016	2017-2022	June 2022	2023 - 2028	2023 Session	April 2023	23/24 (FY24)	July 1, 2023
K-12 Health, Physical Education	June 2017	2018-2023	June 2023	2024 - 2029	2024 Session	April 2024	24/25 (FY25)	July 1, 2024

LEA's have flexibility to purchase materials off-cycle given their local needs

# Reasons for State Instructional Material Review & Adoption

- Addresses equity, by making available standards aligned instructional materials for all students
- Provides educators with lists of vetted materials
- Provides accurate information about the alignment of content to standards
- Enhances expertise of those who participate in the review

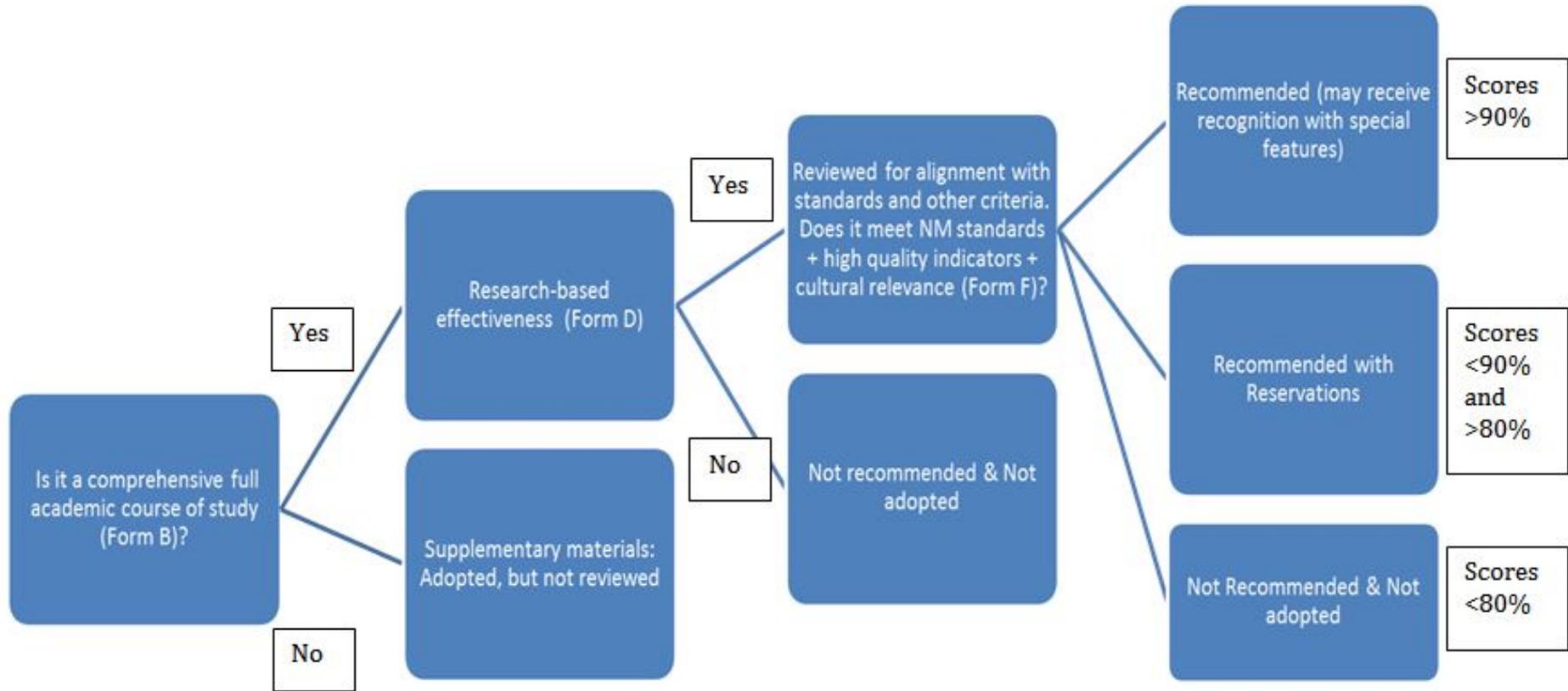
# Reasons for State Instructional Material Review & Adoption

- Provides tools & resources that can be utilized at the local level, supporting local control
- Makes high-quality instructional materials available at fixed cost for six years
- Benefit to state through economies of scale, particularly beneficial to smaller districts who may lack capacity to undertake a large scale review

# NM Review & Adoption Process

- Request for Applications
- Creation of the Citation Alignment & Scoring Rubrics (in collaboration with content experts in the field currently teaching)
- Reviewer Recruitment and Selection (Level II & III teachers)
- Reviewer Training (by PED content experts & IMB staff)

# NM Review & Adoption Process



# NM Summer Review Institute

- Usually first full week of June
- Full-year, comprehensive materials that are research-based
- Reviewed by Level II or III teachers (reviewers)
- Each reviewer determines the cognitive level to which the cited material aligns with each standard and criteria
- Each set of material is reviewed by three reviewers

# CTE Review Rubrics

- New Mexico CTE Standards
- Common Career Technical Core Pathways
- High Quality CTE Framework
- High Quality Indicators for all Content and Subjects

# CTE Adoption Info

## ADOPTION INFORMATION

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Provided is information regarding New Mexico Adopted Instructional Material . Our goal is to offer school districts, charters and state supported schools easily accessible information available to view and download.

# NM Review & Adoption Process

- Scores, Rankings, and Appraisals of Reviewed Material Posted
- Adoption of Multiple List, & Publisher Agreements
- Regional Review Centers

# Reviewer Scores

Science - 2018 Summer Review Institute Highest Scored Core/Basal\* Materials by Grade Level by Sub Category (click the link in the cell below to view the complete list of science core basal materials with reviewer scores and supplementary materials)

<https://webnew.ped.state.nm.us/wp-content/uploads/2018/09/2018-Science-and-Art-Adopted-Instructional-Materials-w-Scores.xlsx>

Publisher	Title of Material	Subject	Grade Level	Sub Category	Student Edition - ISBN	Score
Houghton Mifflin Harcourt	Science Dimensions Student Resource Pkg - Gr K	Science	K	General Science	9781328550897	98.7%
Amplify Education	Amplify Science Grade 1 Classroom Bundle	Science	1	General Science	9781642761511	100.0%
Houghton Mifflin Harcourt	Science Dimensions Student Resource Pkg - Gr 2	Science	2	General Science	9781328550910	96.3%
Houghton Mifflin Harcourt	Science Dimensions Student Resource Pkg - Gr 3	Science	3	General Science	9781328550927	98.5%
Accelerate Learning	STEMscopes New Mexico	Science	4	General Science	9781641687836	96.8%
Amplify Education	Amplify Science Grade 5 Classroom Bundle	Science	5	General Science	9781642762075	99.0%
Pearson - Prientice Hall	Elevate Science Earth Student Edition	Science	6-8	Earth & Space	9780328989751	97.2%
Accelerate Learning	STEMscopes New Mexico	Science	6-8	Life Science	9781641687867	98.8%
Pearson - Prientice Hall	Elevate Science Physical Student Edition	Science	6-8	Phys Science	9780328989768	99.2%
Pearson - Prientice Hall	Elevate Science - Grade 7 (NGSS Course 2 Progression)	Science	6-8	General Science	9781418301323	97.1%
Pearson - Prientice Hall	Elevate Science - Grade 8 (NGSS Course 3 Progression)	Science	6-8	General Science	9781418301330	96.4%
Pearson - Prientice Hall	Elevate Science - Grade 6 (NGSS Course 1 Progression)	Science	6-8	General Science	9781418295899	90.4%
Houghton Mifflin Harcourt	Science Dimensions E&S Sci Student Resource Pkg - Gr 9-12	Science	9-12	Earth & Space	9781328567628	97.0%
Houghton Mifflin Harcourt	Science Dimensions Bio Student Resource Pkg - Gr 9-12	Science	9-12	Life Science	9781328560094	97.4%
Accelerate Learning	STEMscopes New Mexico	Science	9-12	Phys Science	9781641687928	91.9%

\*Materials that scored at 90% or higher for alignment to NM Content Standards and Benchmarks and other relevant criteria are adopted as Core Basal

# Review Team Appraisal

## SECTION 1 – NM Content Standards, Benchmarks and Performance Standards

Reviewer # and Section 1 Total: #4 TOTAL 98.8% #5 TOTAL 98.8% #6 TOTAL 90.0%

Average Score: 95.9%

Review Team Assessment of material's compliance with Section 1:

This curriculum covers three main content titles, "Plants and Animal Relationships," "Properties of Materials," and "Changing Landforms." Engaging investigations are presented through teacher led discussions, but seemed to be based on lower levels of Bloom's Taxonomy and limit students to demonstrate critical thinking. Investigation notebooks provide a sequenced and secure repository for student work that can also indicate any missing or incomplete student work. Vocabulary is introduced in context during lessons, and kits include a Vocabulary wall header and vocabulary cards for classroom display. Safety guidelines appear at the front of the investigation notebooks. These should also occur as a repeat in the text when necessary. The teacher guide (print) was rather unwieldy and would benefit from being broken down into unit editions. Although this is mainly a digitally based program, it can be accessed through print materials for districts with limited technology. On the digital format, students are able to enter data into graphs and tables. Most of the individual activities are listed as taking less than 30 minutes.

# Regional Review Centers



**NM** Public Education Department

# How To Get Involved?

<https://webnew.ped.state.nm.us/bureaus/instructional-materials/resources-information/>

- **2019 SUMMER REVIEW INSTITUTE INFORMATION AND APPLICATIONS:**

-  INFORMATION AND FAQs
-  FACILITATOR
-  CONTENT LEADER
-  REVIEWER OF RECORD

# Content Leader

- review and provide evidence for instructional material on a team with two additional reviewers
- provide content and standards support throughout the review to their review team
- facilitate daily check-ins with their team concerning progress toward final score of materials
- ensure the review team provides evidence that is valid
- lead reviewers toward an appraisal of materials
- attend daily progress check-ins with their facilitator

# Reviewer

- review materials and provide evidence for alignment with standards and high quality indicators
- work with a Content Leader to ensure understanding of standards and authentic results
- meet scheduled deadlines for completing the review
- collaborate with another Reviewer and a Content Leader to author an evidence-based appraisal of reviewed material

# A Final Thought

When they have great instructional materials, teachers can focus their time, energy and creativity on bringing lessons to life and finding ways to inspire their students to learn and grow.

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Instructional Materials Bureau

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