

## Mathematically Connected Communities

### Who we are:

#### Statewide Partnership to Provide Mathematics Professional Development

Mathematically Connected Communities (MC2) is a statewide partnership involving mathematicians, math educators, teachers, math coaches, teacher leaders, principals and district administrators across the state of New Mexico. It is designed to improve students' mathematics learning and achievement in grades K-12. This research-based professional development project builds the capacity of districts to effectively implement Common Core State Standards for Mathematics. Our work with educators in partner districts deepens mathematical knowledge, skills, and dispositions for leaders, teachers and students. We partner to develop effective mathematics teaching in NM classrooms to ensure student learning and utilize assessment systems to inform and support achievement.

### What we do:

MC<sup>2</sup> partnership includes implementing a systems model for:

- District Leadership Teams (4-7 days/year to design measurable implementation plans)
- Professional Development for Math Leaders who will plan and implement the professional development (minimum of 5 days).
- Classroom Implementation Study (4 days of onsite support for leaders to implement Collaborative Learning and Teaching Cycle.)



## Common Core New Mexico Partners

The implementation of Common Core State Standards (CCSS) is well underway in NM and districts and charter schools are in very different places in their own implementation of ELA and Math Standards. CES has assembled A team of highly experienced professional and partners (MC2 and New Mexico School Leadership Institute) from New Mexico to help districts and charter schools take their implementation of CCSS to the next level. We offer a full range of support and training for CCSS implementation, from planning and training, to designing units and lessons to formative student assessments. Since all our consultants are from NM, we help districts and charter schools align CCSS implementation with their EPSS, the new educator effectiveness system and school grading. Finally, but not insignificantly, your costs will be considerably less than bringing in companies outside of New Mexico. Your gains come from CES' non-profit status combined with much reduced travel expenses for our consultants.

### For More Information Contact:

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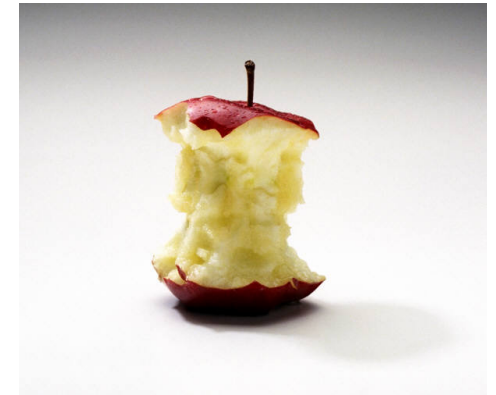
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*Providing New Mexico's students with the competencies necessary for success in the global marketplace*



**ADDRESSING NEW MEXICO'S  
COMMON CORE  
STATE STANDARDS**

## How WE CAN help?

- **Single point of contact through CES**—Service is provided at your district, school or regionally
- **Through needs assessment**—Provides 360 degree view of staff, administrative knowledge of CCSS as it pertains to student learning
- **Customized planning**—designed with your input and priorities for your students, taking into account training provided and New Mexico expectations, timelines and resources already in place
- **Leadership training and support**—Builds strong foundations to increase performance of staff and students
- **Teacher training and support**—creates safe environments for enhancing necessary instructional practices
- **Extend your resources by working locally and cost-sharing with other districts**



## What we do

- Our training sessions are highly interactive and we model process and content
- Participants leave with concrete “next steps”
- Onsite and online delivery
- Align training and support to all PED requirements, e.g. EPSS, Educator Effectiveness System, etc.
- We help you build capacity and maximize the resources in your district or charter school
- Training and support to meet your needs at a reasonable cost

## English, Language, Arts (ELA)

CES has recruited masters in the area of ELA. The major focus is to fully understand the instructional shifts, College and Career Readiness Anchor Standards, Grade level standards for Reading, Writing, Speaking, and Listening and Language, and Literacy Standards in History/Social Studies, Science, and Technical Subjects. Our work with districts deepens these understandings and develops effective instructional practice in NM classrooms to ensure student learning and utilize assessment systems to inform and support achievement.

### READING:

- A progressive development of reading comprehension ensures students gain more from what they read
- An emphasis on text complexity and sophistication in grade level texts promotes necessary rigor

### WRITING:

- Focuses on composing different types of writing:
  - Argumentative/opinion pieces
  - Informative/explanatory writings
  - Narrative texts
- Research projects (brief as well as sustained inquiry)
- Infuses use of technology in creation, refinement, and collaboration in writing
- Includes an appendix of writing samples illustrating criteria required to meet the standards

### SPEAKING AND LISTENING:

- Focuses on speaking and listening in a range of settings, both formal and informal—academic, small-group, whole-class discussions
- Emphasizes effective communication practices
- Requires interpretation and analysis of message as presented through oral, visual, or multimodal formats

### LANGUAGE:

- Includes conventions for writing and speaking
- Highlights the importance of vocabulary acquisition through a mix of conversation, direct instruction and reading
- Requires vocabulary to be addressed in context of reading, writing, speaking, and listening

## Leadership

The New Mexico School Leadership Institute (NMSLI) was created in statute in 2010 specifically to provide high-quality professional development to leaders across the education spectrum. Over the last year, NMSLI has designed and implemented high-quality professional development for leaders in the implementation of the Common Core State Standards. This training includes:

- Understanding the leadership implications of CCSS
- Designing and implementing standards transition plans
- Understanding the curriculum changes required by CCSS
- Evaluating teachers' implementation of CCSS
- Creating professional development plans for staff
- Communicating with stakeholders
- Managing assessment transitions from the SBA to PARCC.

