

ENGINEERING SOLUTIONS TO EDUCATION'S TOUGHEST CHALLENGES

MCESA believes in educators. Educators hold the key to education's – and our community's – toughest challenges. We work together to create solutions to these challenges. As a government education organization, MCESA makes time and space for educators to understand challenges, to unlock the solutions, and create successful systems for the benefit of all students... no exceptions!



CHALLENGE Students must be academically prepared to compete in a global economy

SOLUTION MCESA developed standards professional learning courses and services to support the statewide implementation of Arizona's standards. Our approach focuses on phases two and three of implementation, which emphasize assessment, integration, and leadership development.

education.maricopa.gov/standards



CHALLENGE Too many youth leave school and find it difficult to return

SOLUTION MCESA has stepped forward and joined forces with The National Tri-Caucus Board Development Association to organize people and information to take collective action towards providing opportunities for youth.

education.maricopa.gov/opportunity



CHALLENGE Too few students are persisting in STEM courses

SOLUTION MCESA developed Engineering STEM Identity, which has students engage with STEM professionals, school-based STEM challenges, math and science content through the research-based Modeling Curriculum, and with students in other districts through video conferencing technology.



CHALLENGE Educators struggle to access useful data

SOLUTION MCESA's revolutionary data system collects student learning data and educator effectiveness data. Then, the data system matches it to online learning resources, empowering educators to take immediate action toward instructional improvement.

education.maricopa.gov/data



CHALLENGE A critical demand for great educators

SOLUTION MCESA utilizes four pillars of support to raise educator quality and recognize excellence: rigorous, fair, and transparent educator evaluations; differenciated performancebased compensation; educator career pathways; and targeted professional development. The four pillars outline proven strategies for developing talent, enhancing careers, and improving student learning.

education.maricopa.gov/effective



CHALLENGE Not all schools are technologically future ready

SOLUTION MCESA's technology team offers an array of technology services that keep MCESA's internal organization online and aid school districts, including assessment delivery on tablets, enterprise application support, device support services, interactive video learning, and strategic IT planning and development.

education.maricopa.gov/technology

CHALLENGE Budgets shrink as expectations increase

SOLUTION MCESA's financial management team provides financial consulting, both working with school employees when navigating financial software and through all stages of the budgeting and accounting processes.

education.maricopa.gov/finance

MCESA Maricopa County Education Service Agency

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