

## **Our Work in Kentucky**

October 1, 2013–September 30, 2014

### **KY-01: Next Generation Science and Social Studies Standards**

The ARCC will partner with the Kentucky Department of Education (KDE) to promote college and career readiness by developing a plan for implementing Next Generation science and social studies standards aligned to the Common Core State Standards in school year 2013-2014. The ARCC will assist KDE in creating the comprehensive plan to implement the science and social studies standards, including identification of resources needed. Technical assistance will also involve facilitated review with KDE of a case study analysis of the deployment of engineering and technology standards in Massachusetts, and conducting a SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis of the implementation of the new science standards to assess its effectiveness and revise the plan accordingly.

### **KY-02: Evaluative Model to Support Implementation of Professional Growth and Effectiveness System (PGES)**

KDE intends to implement and monitor its Professional Growth and Effectiveness System (PGES), designed to fairly and reliably measure effective teaching and learning for all teachers and principals in all subjects and grades. ARCC is partnering with KDE and EDI to provide intensive support around the implementation of PGES. KDE plans to create a system to identify what districts and schools need to effectively implement PGES, as well as a toolkit of supports for teachers and principals, with extra support provided to educators in the lowest performing schools. KDE and ARCC will partner with the Center on Great Teachers and Leaders and other experts on measuring student growth to identify research-based strategies and emerging promising practices to integrate parent perception data into the PGES and measure student academic growth for all teachers. ARCC and KDE will collaborate to review website portals from other states that house samples of student growth goals and use that information to create a similar portal for Kentucky teachers and principals.

### **KY-03: Comprehensive Professional Development/Human Capital Management & Development Plan**

The ARCC will partner with KDE to design the Next Generation Professional Development Plan, a comprehensive professional development/human capital management and development plan to support the implementation of the PGES. KDE intends to provide extra support to the state's lowest performing districts. KDE has also requested from ARCC "just in time support" for its staff as they implement and monitor the PGES plan. The agency has asked for access to research and information on 1) models of human capital management; 2) infrastructures and strategies used by other states; 3) models of support for new principals and teacher leaders; 4) review of the research on employee engagement and motivation; and 5) additional resources to help rural and struggling districts implement human capital management and development.

#### **KY-04: Identify and Support Struggling Students**

KDE has requested technical assistance from the ARCC to improve the effectiveness of consolidated school/district improvement plans and related planning processes (CSIP/CDIP). Specifically, KDE seeks to enhance its capacity to promote the use by districts and schools of effective strategies to support low-performing students. This intent will require monitoring KDE's statewide capacity building approach to local educational agencies (LEAs), which incorporates differentiated strategies to improve student achievement. KDE also wishes to ensure that the online improvement plan process supports high quality plans and provides appropriate guidance and support to struggling districts and schools. This process will include structures for intensive support to LEAs, training to help personnel use the new CSIP/CDIP elements, and a monitoring tool to gauge local use and effectiveness of the new CSIP/CDIP system.

#### **KY-05: Refine the KDE College and Career Readiness System**

KDE has requested technical assistance from the ARCC to deploy the College and Career Readiness Delivery Plan for the 2013-2014 school year and refine its college- and career-readiness system to meet strategic indicators. KDE seeks to enhance its capacity by 1) creating consistent definitions for early college credit classes, 2) promoting effective use of the Individual Learning Plan for high school students, 3) understanding the use of remedial intervention courses in high school, 4) uncovering why college and university data do not match state data on dual credit classes, 5) increasing the effectiveness of the Early Warning System by providing research-based strategies to use with at-risk students, and 6) increasing enrollment in Advanced Placement courses. ARCC will collaborate with KDE to interpret data collected from district and school leaders and apply it to revise materials, structures, or processes in high schools in order to increase student success in college and the workplace. KDE also plans to partner with ARCC and the Center on College and Career Readiness and Success to identify research-based promising practices to support KDE's college and career systems.