

Mathematics Science Partnership: Building An Integrated STEM Classroom - Grades 3-8 Teachers

The Arizona Department of Education awarded the ***Building A STEM Integrated Classroom*** (a Math and Science Partnership) grant to the Coconino County Education Service Agency on December 19, 2016 in the amount of **\$620,487.57**.

The MSP "***Building A STEM Integrated Classroom***" grant provides collaborative professional development to K-8 teachers from Coconino and Yavapai County schools. The grant funds a professional development partnership among schools to improve teacher preparedness in teaching STEM, enhance student academic achievement in STEM, and build capacity in Northern and Western Arizona to support continued efforts in STEM education.

Mathematics Science Partnership: Functions and Statistical Models - Grades 7-12

The Arizona Department of Education awarded the ***Functions and Statistical Models*** (a Math and Science Partnership) grant to the Coconino County Education Service Agency on December 19, 2016 in the amount of **\$625,548.94**.

The MSP ***Functions and Statistical Models*** grant provides collaborative professional development to secondary high school mathematics teachers. The grant funds a 150 hour professional development partnership among schools in Coconino, Apache, Mohave, Yuma, Navajo and Yavapai counties to improve teacher mathematics content knowledge to ensure continuation and sustainability in mathematics practices/pedagogy, formative assessment, and support Arizona College and Career Ready Standards in Mathematics.

Mathematics Science Partnership: Intel Math K-8

The Arizona Department of Education awarded the ***Intel Math: Northern Arizona Project*** (Math and Science Partnership) grant to the Coconino County Education Service Agency on July 1, 2017 in the amount of **\$473,871.40**.

The MSP Intel Math grant provides collaborative professional development to K-8 teachers from Coconino and Yavapai County schools. The grant will fund a professional development partnership among several schools in Coconino and Yavapai counties to improve teacher math content knowledge, ensure continuation and sustainability in math pedagogy, and maintain leadership components.

Mathematics Science Partnership: Connecting Earth & Space Science, Environmental Science, Technology, and Literacy- Grades K-7

The Arizona Department of Education awarded the ***Connecting Earth & Space Science, Environmental Science, Technology, and Literacy*** (a Math and Science Partnership) grant to the Coconino County Education Service Agency on July 1, 2017 in the amount of **\$388,062.91**.

The MSP “**Connecting Earth & Space Science, Environmental Science, Technology, and Literacy**” grant provides collaborative professional development to K-7 teachers from Coconino and Yavapai County schools. The grant funds a professional development partnership among schools to improve teacher preparedness in teaching life, physical, and earth/space sciences, enhance student academic achievement in science, and build capacity in Northern and Western Arizona to support continued efforts in STEM education.

Improving Teacher Quality: Quantitative Reasoning Course (High School Mathematics Instructors)

The Arizona Board of Regents awarded the *Quantitative Reasoning in Arizona ITQ (an Improving Teacher Quality)* grant to NAU on May 1, 2016. Coconino County Education Service Agency is a sub-recipient with an award in the amount of **\$152,969**.

The ITQ *Quantitative Reasoning Arizona* addresses the requirement that Arizona universities require a course in Quantitative Reasoning (QR) as the terminal mathematics courses for students pursuing a B.A. degree. The majority of Arizona high schools, however, do not currently offer a course in QR even as a fourth year course for non-college bound students. QR in AZ will provide 80 hours of professional development to 40 participating secondary mathematics teachers and a dozen community college instructors as well as provide training and support to the 23 administrators of the 40 participating teachers. At least 15 of the first 40 applicant teachers are NOT Highly Qualified mathematics teachers, 87% of Schools these teachers work at qualify as High Poverty, 96% of their schools have more than 25% of students Failing Math AIMS and 52% of their schools have more than 50% of students Failing Math AIMS. 60% of these schools have a ‘C or below’ Letter Grade.

This project is a collaboration between the NAU College of Education and the Department of Mathematics and Statistics, Coconino County ESA and at least 5 other counties. Expected outcomes include increased teacher content knowledge and instructional practices, increased student mathematics achievement, and systemic impacts of enhanced mathematics education across much of the state of Arizona.

Arizona Commission of the Arts Program- Grades 3-5

This \$2,500.00 award from the Arizona Commission on the Arts supports schools of Coconino County in their participation in Carnegie Hall’s Link Up partnership with the Flagstaff Symphony Orchestra. Students in grades 3–5 throughout Coconino County will join Flagstaff students in exploring music through curriculum of classroom activities and a culminating concert in which students perform with a professional orchestra. This collaboration with the Flagstaff Symphony Orchestra as artistic partner connects county students and teachers to a national music education program created by Carnegie Hall to unite the classroom with the concert hall. The program receives the free support of Carnegie Hall in individual printed student materials and teacher training resources for the concert, called *The Orchestra Sings*. The program significantly enhances classroom music education. Students in fifteen participating schools learn to read, sing and play as well as compose music. Additional free materials give teachers options to

extend and enrich the basic Link Up curriculum. As the artistic partner, the Flagstaff Symphony Orchestra has provided teacher training, classroom support and logistic and artistic planning for the project. The interactive concert will be offered twice on the morning of March 23, 2017 in order to accommodate 3600 students at Ardrey Hall, Northern Arizona University. All of these efforts will increase student access to and engagement with music and arts learning.

FASTER GRANT: Formative Assessment- High School Educators

The Arizona Department of Education awarded the **FASTER Grant** to the Coconino County Educational Service Agency Office of Innovation and Development on September 1, 2016. The budget was approved by the Arizona Department of Education on December 7, 2016. The award is in the amount of \$20,187.28.

The FASTER Grant provides collaborative professional development to secondary teachers from Coconino County. The grant funds a professional development course that increases participants' understanding of formative assessment and helps them become skillful users of formative assessment in their classroom in the context of Arizona Standards. This course will assist educators in developing an understanding that Formative Assessment is a part of a comprehensive system, in which different assessments along the continuum provide information to educators for the range of decisions they need to make in support of student learning.

Title III Grant

The Arizona Department of Education awarded the **Title III Grant** to the Coconino County Education Service Agency in the amount of **\$32,078.55**. The service period is October 1, 2016 – October 30, 2017.

School districts and charter schools receive per-pupil funding for every student attending their schools. They also receive additional funding for **English Language Learners** (ELL) students to pay for costs in addition to the normal costs of educating English proficient students. This additional amount is an incremental cost, while the total cost of ELL-related activities is a "program" cost. These monies are allocated to districts and charters having ELL students. Members who participate in the Title III consortium agree to provide supplementary programs and services to eligible ELL students for the duration of the project period. The Coconino County Education Service Agency (CCESA) identified schools/districts within Coconino, Navajo, and Maricopa County that were unable to apply for their ELL funding due to not meeting the \$10,000.00 minimum amount. In order to ensure that these schools receive their allocated funding the CCESA formed a consortium with Peak Charter School, Williams Unified, Grand Canyon Unified, Montessori Education Center, and White River Unified. The CCESA will be responsible for acting as the fiscal agent for the Consortium and will file the required expenditure reports and maintain fiscal records.

Governors' Office of Youth Family and Faith Substance Abuse Block Grant: 7th Grade

The Governor's Office of Youth Family and Faith awarded the ***Substance Abuse Block Grant*** to Coconino County Education Service Agency in the amount of **\$176,970**. The grant period is July 1, 2016 October 1, 2017.

The ***Substance Abuse Block Grant*** is sponsored by the State of Arizona, the Governor's Office of Youth, Faith and the award was for the Coconino County Education oversight of the program that provide students and parents with Healthy Families training. The primary purpose of this project is to reduce substance abuse of middle school students.