2013 DoDEA Grantee Abstracts Awarded to Date

Academy SD $2,500,000
Colorado Springs, CO
Installations served: Fort Carson, Schriever AFB, Peterson AFB, Air Force Academy, Falcon AFB
Academy School District 20 seeks to improve student achievement by integrating STEM principles across curricular areas, expanding STEM-related programming activities, and increasing online and blended learning opportunities through increased use of interdisciplinary instructional techniques, professional development in STEM Standards of Practice, backwards design instructional models, and increased integration of technology.

Anne Arundel County $2,226,185
Annapolis, MD
Installations served: Ft. Meade, US Naval Academy, Naval Support Activity Annapolis Station
The STEM College and Career Marathon Project will use professional development, community outreach/engagement, STEM-related co-curricular offerings, and academic support programs to increase student engagement and achievement in mathematics in eight targeted schools in Anne Arundel County while building a STEM college and career culture in the schools and communities.

Douglas SD $675,000
Box Elder, SD
Installation served: Ellsworth AFB
The district project implements CCSS in grades 6-12 with fidelity. The project applies standards: 1) with fidelity to deepen students understanding and practice of math and ELA (across all 3 content areas); 2) to integrate technology and build student proficiency in digital literacy skills; and 3) to engage STEM learning as a whole-school practice building personalized learning.

Elgin PS $904,577
Elgin, OK
Installation served: Ft. Sill
Raising the Bar promotes authentic teaching using technology and STEM practices for all military students and targeted students. The project goals are: (1) increase PrK-8 reading achievement, (2) increase 9-12 math achievement, and (3) increase science achievement through STEM education opportunities.

Juniper Tree Academy (New Grantee) $269,828
Yuma, AZ
Installations served: MCAS Yuma, APG Yuma
The Beyond Technology Education program will increase STEM achievement in technology and math through an integrated technology program while focusing on three foundational strategies: Assessment, Lesson Development, and Professional Development, each of which will instill confidence, increase competence, and impart content knowledge while targeting the common core. A well-defined professional development program will be strategic in the success of the Beyond Technology Education program.

Killeen ISD (New Grantee) $1,877,982
Killeen, TX
Installation served: Ft. Hood
The project goal is to provide a positive transition experience for military-connected students and parents through a contracted transition consultant. Strategies include: (1) providing early, accurate and appropriate school...
placement and support; (2) improving student and parent connectedness into the local community; and (3) providing professional development for educators.

**Knob Noster (New Grantee) $1,080,000**

**Knob Noster, MO**  
Installation served: Whiteman AFB  
STE+[A]M will integrate creativity with science, technology, engineering and mathematics as a cornerstone of developing career ready students who are able to compete in the global marketplace. Innovative and integrated learning opportunities will foster 21st Century learning skills and imagination as students apply STE+[A]M concepts to real-world problems and solutions.

**Lawton PS $2,499,927**

**Lawton, OK**  
Installation served: Ft. Sill  
The STEM INTERGRATION grant will use mathematics, Problem Base Learning (PBL), and technology as a foundational process to lift lagging scores and provide the Lawton/Ft. Sill military students future success in Mathematics. Professional Development for PBL and Technology for more than 600 teachers involved in teaching mathematics to almost 16,000 students will be paramount to the success of the grant.

**Lemon Grove (New Grantee) $361, 856**

**Lemon Grove, CA**  
Installations served: NS San Diego, NB Point Loma, NB Coronado, MCAS Miramar, MCRD San Diego, SPAWAR  
Full STEM AHEAD offers a comprehensive, research based approach to improving the school learning environment in order to increase the percentage of grade 5-8 students who are proficient or advanced in math and science. Project strategies combine teacher professional development and collaboration, evidence-based instructional approaches, parent engagement and technology integration.

**Madison County $945,000**

**Huntsville, AL**  
Installation served: Redstone Arsenal  
Preparing for Tomorrow will increase the percentage of students, grades 4-8, who are college-ready in math and science. The project will: (1) implement the National Math and Science Initiative to improve STEM programing; (2) provide teacher and administrator STEM professional development; and (3) improve technology to enhance teaching and learning.

**Manhattan-Ogden $1,739,045**

**Manhattan, KS**  
Installation served: Ft. Riley  
Manhattan-Ogden USD383 proposes a project entitled “STEMing into College and Career Readiness” to offer targeted support to military-related students in grades 5 – 8. In this grant we propose focused contextual learning environments designed to motivate students to explore and succeed in STEM coursework while simultaneously improving their college/career readiness.
Randolph Field ISD $1,498,500
Universal City, TX
Installation served: JB San Antonio
The Military-Connected Academic and Support Programs grant will further efforts in advanced academic achievement for military students through professional development and technology integration within an integrated STEM focus. Advanced academic achievement outcomes for students will be ensured through focused strategies related to professional development in the areas of assessment, academic rigor and relevance, college and career readiness, and the effective integration of innovative classroom technologies.

San Diego USD $2,499,140
San Diego, CA
Installations served: NS San Diego, NB Point Loma, NB Coronado, MCAS Miramar, MCRD San Diego, SPAWAR
Operation Thrive and Learn (OTL) Project will serve five elementary schools by: (1) Increasing K-5 students' ability to make healthy food choices; and (2) Increasing K-5 students' achievement in English/Language Arts. Project strategies combine teacher professional development, nutrition and health education, academic tutoring, and integration of technology.

Santee SD (New Grantee) $405,000
Santee, CA
Installations served: NS San Diego, NB Point Loma, NB Coronado, MCAS Miramar, MCRD San Diego, SPAWAR
Santee Empowerment Project goals are to: (1) decrease discipline referrals; (2) increase parent participation in school programs; and (3) increase students’ and parents’ feelings of connectedness to school through training, counseling and increasing participation opportunities and resources for families.

Yuma ESD $270,000
Yuma, AZ
Installations served: MCAS Yuma, APG Yuma
Otondo Elementary School will increase science achievement in grades three and four through: (1) extensive professional development; (2) a teacher cadre to model interdisciplinary lessons; (3) updated science-based informational text, Engineering is Elementary; and (4) technology-based scientific inquiry for students. A half-time counselor will serve the unique needs of active-duty military dependent students dealing with deployment, reintegration, transition and war-time stress issues, provide professional development to other school staff and provide military family engagement activities.

Total Awarded: $19,752,040