

Applicant **Clark County School District**
PR Award # U165A170032

School District **Clark County School District**
City, State Las Vegas, Nevada
Urbanicity Metropolitan and Rural

Project Title/Name STEM³: Clark County School District, NV-Magnet Schools Assistance Program Application

Contact **Thomas Bean**
Title Grant Writer

 Phone 702-855-3130
 Fax 702-799-5239
 Email bean@interact.ccsd.net

Grant Award Amount **Total: \$ 14,829,400.14** over 5 years

- Year 1 \$ 1,791,055.25
- Year 2 \$ 3,247,157.86
- Year 3 \$ 3,317,798.81
- Year 4 \$ 3,232,647.70
- Year 5 \$ 3,240,740.52

School and Grades Served	Theme	Isolated and Targeted Minority/ies	Number of Students
Roger D. Gehring STEM Academy (K-5)	STEM	African American and Hispanics	700
Lied MS Navigator Academy (6-8)	STEM	Under-enrollment of all demographics	1,608
Mike O’Callaghan i ³ Learn Digital Media Academy (6-8)	STEM	Under-enrollment of African American, Caucasian, and Hispanics	1,583

Project Description:

The Clark County School District, Nevada will fully establish and implement new Science, Technology, Engineering, and Math (STEM) magnet programs at three schools: Roger D. Gehring STEM Academy (700 students), Lied MS Navigator Academy (1,608 students), and Mike O’Callaghan i³Learn Digital Media Academy (1,583 students). Each school will offer a rigorous, interdisciplinary, STEM-infused curriculum, using blended, personalized, and project- based

learning to meet the goals and objectives of the STEM³ Project.

Project Goals

1. The percentage of all magnet students and student subgroups proficient on State assessments in Literacy, Mathematics, and Science will increase as compared to previous year's data and will be higher than the scores of non-magnet comparison school students.
2. Racial isolation will be reduced, eliminated, or prevented in proposed schools.
3. Parent and community support will increase in proposed schools through participation in Magnet School Advisory Committees, Parent Workshops, and Community Partnerships.
4. Highly-effective instruction will increase through a rigorous and sustained professional development initiative. Teachers will implement STEM, blended and personalized learning, and project-based learning classroom instruction.
5. The quality of climate will improve in proposed schools. The percentage of students, parents, and teachers reporting schools are respectful learning environments will increase each year of the project and student discipline incidents will decrease.
6. The participation of students in STEM courses will increase in proposed schools compared to non-magnet comparison students.