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  

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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  

<table>
<thead>
<tr>
<th>School and Grades Served</th>
<th>Theme</th>
<th>Isolated and Targeted Minority/ies</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roger D. Gehring STEM Academy (K-5)</td>
<td>STEM</td>
<td>African American and Hispanics</td>
<td>700</td>
</tr>
<tr>
<td>Lied MS Navigator Academy (6-8)</td>
<td>STEM</td>
<td>Under-enrollment of all demographics</td>
<td>1,608</td>
</tr>
<tr>
<td>Mike O’Callaghan i³Learn Digital Media Academy (6-8)</td>
<td>STEM</td>
<td>Under-enrollment of African American, Caucasian, and Hispanics</td>
<td>1,583</td>
</tr>
</tbody>
</table>

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.