Applicant: New Haven, City of DBA New Haven Public School System
PR Award #: U165A170025

School District: New Haven Public School System
City, State: New Haven, Connecticut
Urbanicity: Suburban

Project Title/Name: New Haven Magnet Schools Project 2017-2022

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Grant Award Amount: Total: $14,993,125.37 over 5 years
- Year 1 $2,997,763.45
- Year 2 $2,999,296.80
- Year 3 $2,998,705.67
- Year 4 $2,998,082.76
- Year 5 $2,999,276.69

<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>High School in the Community Interdistrict Magnet School (9-12)</td>
<td>Public Policy</td>
<td>Those underrepresented in STEM fields and programs</td>
<td>256</td>
</tr>
<tr>
<td>King/Robinson Interdistrict Magnet: An International Baccalaureate STEM School (PreK – 8)</td>
<td>STEM</td>
<td>Those underrepresented in STEM fields and programs</td>
<td>8,535</td>
</tr>
<tr>
<td>Edgewood Creative Thinking through STEAM Magnet School (K-8)</td>
<td>Creative Thinking through STEAM</td>
<td>Those underrepresented in STEM fields and programs</td>
<td>425</td>
</tr>
<tr>
<td>East Rock Community and Cultural Studies Magnet School (K-8)</td>
<td>Cultural Diversity</td>
<td>Those underrepresented in STEM fields and programs</td>
<td>430</td>
</tr>
</tbody>
</table>
### Project Description:

*Names of magnet schools, special curricular programs, and number of students who will participate (2016-17)*: High School in the Community Interdistrict Magnet School (9-12, 256 students) will focus on public policy; King/Robinson Interdistrict Magnet: An International Baccalaureate STEM School (PreK – 8, 535 students) will integrate a STEM focus into its IB programs, teach coding to students, and develop a 1 to 1 computing device initiative; Edgewood Creative Thinking through STEAM Magnet School (K-8, 425 students) will integrate STEM subjects with the arts and higher order thinking skills as they study the natural world of Edgewood Park; East Rock Community and Cultural Studies Magnet School (K-8, 430 students) will focus on cultural diversity; and Davis Academy for Arts and Design Innovation Interdistrict Magnet School (PreK-8, 511 students) will integrate STEM and art to better understand how things are designed and built. Self-directed learning and creativity will be an important part of this program as students construct projects based on what they have learned and what interests them.

### Project Goals

1. Minority group and socioeconomic isolation will be reduced, eliminated, or prevented. PM 1.1 – 1.6: Minority group isolation will be reduced by 2 percentage points each year. PM 1.7 – 1.8 socio-economic isolation will be reduced by 3 percentage points each year until the percentage of low income students reaches 30%.

2. All students will receive high quality instruction that includes their school's systemic reforms and magnet themes in units and courses aligned with CCSS, NGSS and State standards. PM 2.1: At least 15% yr.1, 40% yr.2, 65% yr.3, 90% yr. 4 and 100% yr. 5 of core academic subject units will meet district and project quality criteria.

3. All students in each magnet school program will receive magnet theme instruction. PM 3.1: Students will receive 3, 6, 8, 10 and 12 hours of magnet theme instruction during project years 1-5 respectively.

4. PM 4.1- 4.8: Each year, the proportion of students at each school attaining level 3 or 4 on State tests in ELA and math will increase for all racial/ethnic subgroups of students; School Performance Indexes will increase for ELA, math and science for all students and high needs students. PM 4. 9: students will master the magnet curriculum. PM 4.10 By Yr.4, students will have higher test scores than matched students in non-magnet schools in at least on subject area.
5. PM 5.1 – 5.2: Magnet school teachers will receive at least 50 hours each year of professional development related to systemic reforms and at least 50 hours each year related to the magnet theme.

6: PM 6.1: All classes will reflect the racial/ethnic and gender diversity of its grade. Objective 6b: PM 6.2: There will be a 5% increase in parent participation at each magnet school each year, compared with the previous year.