

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

School and Grades Served	Theme	Isolated and Targeted Minority/ies	Number of Students
High School in the Community Interdistrict Magnet School (9-12)	Public Policy	Those underrepresented in STEM fields and programs	256
King/Robinson Interdistrict Magnet: An International Baccalaureate STEM School (PreK – 8)	STEM	Those underrepresented in STEM fields and programs	8,535
Edgewood Creative Thinking through STEAM Magnet School (K-8)	Creative Thinking through STEAM	Those underrepresented in STEM fields and programs	425
East Rock Community and Cultural Studies Magnet School (K-8)	Cultural Diversity	Those underrepresented in STEM fields and programs	430

Davis Academy for Arts and Design Innovation Interdistrict Magnet School (PreK – 8)	Arts and Design Innovation	Those underrepresented in STEM fields and programs	511
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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.