

Applicant **Houston Independent School District**
PR Award # U165A170059

School District **Houston Independent School District**
City, State Houston, Texas
Urbanicity Urban

Project Title/Name Partnerships that Fuel Opportunities in STEM Education

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Grant Award Amount **Total: \$14,998,280.00** over 5 years

- Year 1 \$ 3,695,909.00
- Year 2 \$ 4,005,816.00
- Year 3 \$ 3,398,609.00
- Year 4 \$ 2,201,167.00
- Year 5 \$ 1,696,779.00

School and Grades Served	Theme	Isolated and Targeted Minority/ies	Number of Students
Milby High School Energy, Medicine, and Aerospace (9-12)	Energy, Medicine, and Aerospace Institute	Minority groups	1,452
Deady MS Energy; Medicine, and Aerospace (6-8)	Energy, Medicine, and Aerospace Academy	Minority groups	701
Davila ES Energy, Medicine, and Aerospace (K-5)	Energy, Medicine, and Aerospace Academy	Minority groups	443
Washington HS Aerospace and Engineering (9-12)	Aerospace and Engineering Professions	Minority groups	138
Wesley ES Aerospace and Engineering (K-5)	Aerospace and Engineering Professions	Minority groups	395

Rusk MS Medicine Biotech (6-9)	Health Science Academy	Minority groups	530
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Project Description:

Houston ISD’s Partnerships that Fuel Opportunities in STEM Education proposal has a total cost of \$20,342,191. Houston ISD will provide \$5,343,912, and is seeking \$14,998,279 through the Magnet Schools Assistance Program (MSAP) grant to fund new or significantly revised school magnet programs at the following six schools: Milby HS (1,452 students) Energy, Medicine, and Aerospace; Deady MS (701) Energy; Medicine, and Aerospace; Davila ES (443) Energy, Medicine, and Aerospace; Washington HS (138) Aerospace and Engineering; Wesley ES (395) Aerospace and Engineering; and Rusk MS (530) Medicine Biotech. All six campuses will be whole-school STEM (Science, Technology, Engineering, and Math) magnet programs, meaning every student in those schools will benefit from an instructional approach that emphasizes a rich STEM curriculum. The proposed six magnet schools are intended to provide families with a wide variety of academically-rigorous, STEM-focused school choice options, while also promoting racial, economic, cultural, and geographic diversity in the Greater Houston area.

Project Goals:

1. Increase racial integration and socioeconomic diversity in the MSAP STEM schools.
2. Increase the academic achievement rates of all participating students in Reading/English Language Arts, Math, and Science in the MSAP STEM schools.
3. Increase industry, university, and community partnerships that will support and enhance the innovative themes at the MSAP STEM schools.
4. Reduce minority group isolation in the MSAP STEM schools.
5. Increase the instructional capacity of specialized and core-area teachers to deliver unique, innovative curriculum at the MSAP STEM schools.