

Dallas Independent School District
026 School Of Science & Engineering At Townview
2022-2023 Improvement Plan



Mission Statement

The Science and Engineering Magnet High School is a learning community established to provide students with a rigorous college preparatory, academic and technical program relating to the sciences, mathematics and engineering fields.

Vision

UGO "Xkukqp"Uvcvg o gpv

Building students with the knowledge, skills, **character**, and **love of learning** to be globally competitive in STEM fields.

Motto

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Goals

Goal 1: DISTRICT GOAL: Student achievement on state assessments in all subjects in Domain 1 will increase from 46 to 58 by June 2025.

Performance Objective 1: CAMPUS GOAL: (Key Action) Student Achievement

Improve student achievement for all students, regardless of background or circumstances, through use of high leverage, research based, professional development, resources, instructional materials, activities and technology. Use high leverage, researched based best practices, targeted professional development, high impact instructional resources, curriculum writing/development, ongoing coaching and feedback and integration of technology to improve student achievement and close all learning gaps due to the COVID year for all students promoting equity through instructional excellence. Interventions will address mitigating learning loss and/or to prevent, prepare for, or to respond to COVID-19 pandemic, including its impact on the social, emotional, mental health, and academic needs of students.

- Evaluation Data Sources:** (1) The campus average "Meets" rating will remain at 100% for all students on all STAAR End-of-Course Exams administered during the 2022-2023 school year.
(2) The campus average "Masters" rating will maintain or increase by 2-3 percentage points as indicated by all Spring 2023 STAAR EOC exams and compared to Spring 2022 STAAR EOC Exams.
(3) As indicated by all spring 2023 STAAR EOC, maintain or reduce achievement gaps by 2-3%.
(4) As indicated by all spring 2023 Advanced Placement Exams, maintain or increase achievement by 2-3%.

Strategy 4 Details	
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Strategy 5 Details

Reviews

Strategy 5: Leaders will ensure provision of instructional feedback to state certified teachers. (One on One, Learning Walks PLC, Professional Development lesson plan feedback PLC survey, spot feedback calendar) (Safe and Collaborative Culture) as teachers will use immediate feedback sessions to align instruction and create next steps for instruction and lesson planning. Certified teachers will address mitigating learning loss and/or to prevent, prepare for, or to respond to COVID-19 pandemic, including its impact on the social, emotional, mental health, and academic needs of students (Certification).

Strategy's Expected Result/Impact: This strategy will result in a continuous improvement in the quality of instruction, improved culture and climate in the learning environment, improved Teacher surveys, Teacher reflection forms and Teacher feedback forms Spot Observation Scores Calendars

Staff Responsible for Monitoring: Principal and CILT will monitor Teacher Feedback forms to address critical areas of need to be addressed for student success. Principal will engage in learning walks with teachers in campus culture of feedback.

- **TEA Priorities:** Recruit, support, retain teachers and principals

Strategy 6 Details	Reviews			
<p>Strategy 6: Leaders and teachers will attend district, local, national and international meetings and conferences and professional development. Training will focus on the needs of their students as indicated by data analysis on local, state, national, and international achievement data to ensure student academic achievement. Current data indicates campus wide needs in reading and writing, mathematics, science, humanities, climate culture and mental health wellness, and CTE. (Safe and Collaborative Culture, Standards Alignment, Data)</p> <p>Strategy's Expected Result/Impact: This Intervention strategy will result in improved AP Scores STAAR Scores PISA</p> <p>Staff Responsible for Monitoring: Principal and CILT will monitor teacher Instructional quality and needs to ensure attendance to high leverage conferences/professional development with implementation upon return are maximized for student learning and mastery.</p> <p>TEA Priorities: Recruit, support, retain teachers and principals, Build a foundation of reading and math, Connect high school to career and college</p> <p>Funding Sources: - 211 - Title I, Part A - \$1,000, - 199 - General Operating - \$3,000</p>	Formative			Summative
	Nov	Jan	Mar	June
Strategy 7 Details	Reviews			
<p>Strategy 7: Leaders and teachers at SEM will offer a flexible number of meetings/trainings during (social events, fall/spring parent meetings, PTSA meetings, and after school parent meetings) on various days and times specifically targeted to help parents work with their children to increase academic achievement. We will use ZOOM, Google Classroom and other digital platforms to expand opportunities for the community; in the case of additional COVID closures, we will use these platforms exclusively. Technology resources will address mitigating learning loss and/or to prevent, prepare for, or to respond to COVID-19 pandemic, including its impact on the social, emotional, mental health, and academic needs of students (Technology).</p> <p>Strategy's Expected Result/Impact: This will result in increase in parent involvement to support their children increase academic achievement. Increase in parent attendance in meetings.</p> <p>Staff Responsible for Monitoring: Principal Community Liaison Counselor</p> <p>TEA Priorities: Connect high school to career and college</p> <p>Funding Sources: - 199 - General Operating - \$0</p>	Formative			Summative
	Nov	Jan	Mar	June



No Progress



Accomplished



Continue/Modify



Discontinue

Goal 2: DISTRICT GOAL: Student achievement on the third-grade state assessment in reading at the Meets performance level or above will increase from 40 percent to 56 percent by June 2025.

Goal 4: DISTRICT GOAL: The percent of graduates who are college, career, or military ready (CCMR) from Domain 1 shall increase from 42 percent to 54 percent by June 2025.

Performance Objective 1: GOAL: (Key Action) College Readiness & Access/Multi-Disciplinary Fluency

Provide higher access for all students 9-12, regardless of background or circumstances, through alignment of campus college and career ready system, processes, and structure. Improve reading and writing for all students, regardless of background or circumstances, through use of high leverage, research based, professional development, resources, instructional materials, activities and technology.

Evaluation Data Sources: (1) The campus average fall SAT exam score will increase overall from 1389 to 1400, ACT will increase from 29-30, as indicated by the Fall 2022 SAT/ACT exam scores and compared to the Fall 2021 exam scores.

(2) The campus average AP exam score on the AP Seminar course will surpass the national exam mean, as indicated by the Spring 2023 AP exam scores.

(3) Campus qualifying senior students will maintain 100% apply to TAFSA or FAFSA as indicated by reports from the college access program. Baseline data is all students applied 100% in prior year.

Strategy 2 Details	Reviews
<p data-bbox="65 115 1419 186">Strategy 2: Leaders and teachers will ensure provision of extended learning opportunities, and instructional resources for extended day programs and extracurricular/co- curricular activities to specifically examine students progress and work</p>	

Strategy 4 Details

Strategy 5: Leaders and teachers will ensure student participation in hands-on and virtual after-school activities, work-site visits, internships, classroom speakers career interviews, field trips, and college visits to prepare for college and career readiness. This will allow all students to close achievement and program success gaps more quickly. Evidence will be based on individual student tracker per school college access system. (Interventions)

Strategy's Expected Result/Impact: Increased number of students who are college ready by College Board, university, and military standards

Staff Responsible for Monitoring: PLTW Teachers

Will monitor:
Agendas

Strategy 6 Details

Reviews

Strategy 6: Leaders, teachers/counselors, parents, and students will receive training and use instructional technology like SCOIR to monitor student college application progress. Training may be in-person or virtual; some will be developed in-house and other may be contracted through CAP. This will allow all stakeholders to achieve college access/fluency and

Goal 5:

Goal 6: DISTRICT GOAL: Student participation in extracurricular or co-curricular activities will increase from 59.0 percent to 78.0 percent by 2023.

Performance Objective 1: GOAL: (Key Action) Culture and Climate

Positively increase instructional climate by developing a stronger sense of coherence and support between academic programs and effectively communicating that coherence to the local, state, and national communities.

Evaluation Data Sources: Objective: Indicator of Success:

- (1) As indicated by the spring 2023 Campus Climate Survey, the staff response to "My team experiences with colleagues this year helped me improve instruction" will increase from 95% to 97 percent as indicated by the spring 2022 Campus Climate Survey.
- (2) As indicated by the spring 2023 Parent Survey, 90% of parents will agree or strongly agree that their child's school informs them of their child's progress and grades.
- (3) As indicated by the spring 2023 district-wide student survey, students' responses to supportive relationships will maintain or increase from 85% to 90% and student engagement will increase from 78-83% as indicated by the spring 2023 Campus Climate Survey.

Strategy 1 Details	Reviews			
<p>Strategy 1: Campus will utilize community liaison toward STEM partnerships (like UTD) to increase parental and community involvement. (Safe and Collaborative Culture)</p> <p>Strategy's Expected Result/Impact: Increased Donations entered into DISD Voly</p> <p>Staff Responsible for Monitoring: Principal monitor Campus Surveys PTSA Feedback SBDM Feedback Community Engagement Rating</p> <p>TEA Priorities: Connect high school to career and college</p> <p>Funding Sources: - 211 - Title I, Part A - \$1,000</p>	Formative			Summative
	Nov	Jan	Mar	June

Strategy 2 Details	Reviews
Strategy 2: Campus leadership will use technology to communicate with students and parents toward increasing parental	

Goal 7:

Strategy 3 Details	
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