## South Texas Independent School District

## South Texas ISD Science Academy

## 2019-2020 Campus Improvement Plan

Accountability Rating: A<br>Distinction Designations:<br>Academic Achievement in English Language Arts/Reading<br>Academic Achievement in Mathematics<br>Academic Achievement in Science<br>Academic Achievement in Social Studies<br>Top 25 Percent: Comparative Academic Growth<br>Top 25 Percent: Comparative Closing the Gaps<br>Postsecondary Readiness

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## Comprehensive Needs Assessment

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Demographics
Demographics Summary
Total females (267)-34.68%
Total males (503)- 65.32%
Asian females (35)- 4.55%
Asian males (69)-8.96%
Black/African American males (6)-0.78%
Hispanic females (206)-26.75%
Hispanic males (381)-49.48%
Native Hawian/Pacific Islander male (1)-0.13%
Two or more races females (4) 0.52%
Two or more races males (7) 0.91%
White females (22)-2.86%
White males (39)-5.06 %
Demographics Strengths

\section*{Problem Statements Identifying Demographics Needs}

Problem Statement 1: The female population is under represented at the Science Academy. Root Cause: There is a perception (likely cultural) that STEM programs and careers are for males.

\section*{Student Academic Achievement}

Student Academic Achievement Summary
AP Participation-2018-389, 2019-410
\# of Exams Taken-2018-1313, 2019-1,333
\# of Students with score 3 or higher-2018-268 (69\%), 2019-261 (64\%)
\% of Seniors passing at least one AP exam 2018-78.9\%, 2019-72.7\%
SAT
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline YEAR & \multicolumn{2}{|c|}{\begin{tabular}{c} 
SCIENCE \\
ACADEMY
\end{tabular}} & \multicolumn{2}{|c|}{ NATIONAL } & \multicolumn{2}{|c|}{ TEXAS } \\
\hline \(2018-2019\) & & & \multicolumn{2}{|c|}{} \\
\hline \(2017-2018\) & 1234 & \multicolumn{2}{|c|}{1068} & \multicolumn{2}{|c|}{1032} \\
\hline \(2016-2017\) & \multicolumn{2}{|c|}{1247} & \multicolumn{2}{|c|}{1070} & \multicolumn{2}{|c|}{1019} \\
\hline \(2015-2016\) & 1148 & \(* * \mathbf{1 6 7 9}\) & 1006 & \(* * \mathbf{1 4 9 0}\) & 956 & \(* * \mathbf{1 4 1 0}\) \\
\hline \(2014-2015\) & 1182 & \(* \mathbf{1 7 3 6}\) & 1006 & \(* \mathbf{1 4 9 0}\) & 956 & \(* \mathbf{1 4 1 0}\) \\
\hline
\end{tabular}

ACT
\begin{tabular}{|c|c|c|c|}
\hline YEAR & \begin{tabular}{c} 
SCIENCE \\
ACADEMY
\end{tabular} & NATIONAL & TEXAS \\
\hline \(2018-2019\) & & & \\
\hline \(2017-2018\) & 25.5 & 20.8 & 20.6 \\
\hline \(2016-2017\) & 25.7 & 21 & 20.7 \\
\hline \(2015-2016\) & 26.1 & 20.8 & 20.6 \\
\hline \(2014-2015\) & 25.9 & 21.0 & 20.9 \\
\hline
\end{tabular}

\section*{EOC STAAR Data}

2019-Overall-A-94 out of 100

2018-Overall-A-97 out of 100
Student achievement-97 out of 100
School progress-95 out of 100
Closing the Gaps-88 out of 100 (how well different populations of students in a district are performing)
\begin{tabular}{|c|c|c|c|}
\hline Subject & \begin{tabular}{c} 
Approaches \\
\%
\end{tabular} & Meets \% & Masters \% \\
\hline English I & 93 & 86 & 32 \\
\hline English II & 97 & 92 & 33 \\
\hline Algebra & 83 & 62 & 38 \\
\hline Biology & 97 & 76 & 42 \\
\hline US History & 99 & 95 & 75 \\
\hline
\end{tabular}

\section*{PLTW EOC Data}

Students who attained AP Weight in PLTW Classes
\begin{tabular}{lllll} 
& Teacher & Number of students tested \({ }_{c}^{\text {credit }}\) Number of students received
\end{tabular} Percentage

Students who attained AP Weight in PLTW Classes
\begin{tabular}{|c|c|c|c|c|}
\hline Environmental Sus & A. Cortez & 20 & 11 & 55\% \\
\hline Human Body SystemsHBS & J. Lamas & 63 & 20 & 32\% \\
\hline Principles of Biomedical-PBS & E.Pacheco & 143 & 72 & 50\% \\
\hline Intro to Eng- IED & J. Konecny R. Rodriguez H. Stout & \[
\begin{aligned}
& 43 \\
& 43 \\
& 138
\end{aligned}
\] & \[
\begin{aligned}
& 19 \\
& 21 \\
& 76
\end{aligned}
\] & \[
\begin{gathered}
44 \% \\
49 \% \\
55 \%
\end{gathered}
\] \\
\hline IED Totals & & 224 & 116 & 52\% \\
\hline Principal of Engineering -POE & G. McGee & 111 & 52 & 47\% \\
\hline POE- Totals & G. Valdez & \[
\begin{aligned}
& 48 \\
& 159
\end{aligned}
\] & \[
\begin{aligned}
& 28 \\
& 80
\end{aligned}
\] & \[
\begin{aligned}
& 58 \% \\
& 50 \%
\end{aligned}
\] \\
\hline AP Comp-CSA & D. Wood & 92 & 43 & 47\% \\
\hline Computer Sci Principles CSP & F. Grimaldo & 146 & 95 & 65\% \\
\hline CSP Totals & D. Wood & \[
\begin{aligned}
& 80 \\
& 226
\end{aligned}
\] & 68
163 & \(85 \%\)
\(72 \%\) \\
\hline
\end{tabular}

\section*{EARLY INTERVENTION SYSTEM 2018-19 Overall Distribution-78}
\begin{tabular}{cccc} 
Grade level & Failed 1or none & Failed 2 & Failed 3 or more \\
\begin{tabular}{c} 
9th-12th-\# of \\
students
\end{tabular} & 39 & 4 & 35 \\
& \(50 \%\) & \(5 \%\) & \(45 \%\)
\end{tabular}

\section*{Student Academic Achievement Strengths}

All 7 State EOC Distinctions attained:
Academic Achievement in Science
Top 25\% Comparative Academic Growth
Academic Achievement in Mathematics
Post-Secondary Readiness
Academic Achievement in ELA Reading
Top 25\% Comparative Closing the Gaps
Academic Achievement in Social Studies
School Profile Data:
- Ranked 3rdin Texas for "High Schools with the Best Teachers" Niche (2019)
- Ranked \(13^{\text {th }}\) in Texas for "Best Public High Schools" Niche (2019)
- Ranked \(21^{\text {st }}\) in Texas for "Best High Schools" U.S. News and World Reports (2019)
- Ranked \(151^{\text {st }}\) in the nation for "Best High Schools" U.S. News and World Reports (2019)
- Selected by the Educational Results Partnership and the Institute for Productivity in Education as a 2019 Texas Honor Roll Star School

\section*{Problem Statements Identifying Student Academic Achievement Needs}

Problem Statement 1: The Algebra 1 STAAR EOC Approaches scores are not in the 90 or above bracket. Root Cause: There is a small number of students taking the exams and students are struggling with Reporting category 2.

\section*{Priority Problem Statements}

\section*{Comprehensive Needs Assessment Data Documentation}

The following data were used to verify the comprehensive needs assessment analysis:

\section*{Improvement Planning Data}
- District goals
- Current and/or prior year(s) campus and/or district improvement plans
- Campus and/or district planning and decision making committee(s) meeting data
- State and federal planning requirements

\section*{Accountability Data}
- Texas Academic Performance Report (TAPR) data
- Student Achievement Domain
- Student Progress Domain
- Closing the Gaps Domain
- Accountability Distinction Designations

\section*{Student Data: Assessments}
- State and federally required assessment information (e.g. curriculum, eligibility, format, standards, accommodations, TEA information)
- State of Texas Assessments of Academic Readiness (STAAR) current and longitudinal results, including all versions
- STAAR End-of-Course current and longitudinal results, including all versions
- Texas English Language Proficiency Assessment System (TELPAS) results
- Postsecondary college, career or military-ready graduates including enlisting in U. S. armed services, earning an industry based certification, earning an associate degree, graduating with completed IEP and workforce readiness
- Advanced Placement (AP) and/or International Baccalaureate (IB) assessment data
- SAT and/or ACT assessment data
- Grades that measure student performance based on the TEKS

\section*{Student Data: Student Groups}
- Economically disadvantaged / Non-economically disadvantaged performance and participation data
- Male / Female performance, progress, and participation data
- Special education/non-special education population including discipline, progress and participation data
- STEM/STEAM data
- Dual-credit and/or college prep course completion data

\section*{Student Data: Behavior and Other Indicators}
- Annual dropout rate data
- Attendance data
- Enrollment trends

\section*{Employee Data}
- Professional learning communities (PLC) data
- Campus department and/or faculty meeting discussions and data
- Evaluation(s) of professional development implementation and impact

\section*{Parent/Community Data}
- Parent engagement rate

\section*{Support Systems and Other Data}
- Processes and procedures for teaching and learning, including program implementation
- Budgets/entitlements and expenditures data
- Study of best practices

\section*{Goals}

\section*{Goal 1: We will promote and market our district to create broad based community awareness attracting families to STISD.}

Performance Objective 1: 1.3 We will expand multiple platforms district-wide to attract and engage future STISD families
Evaluation Data Source(s) 1: Parent and student attendance at campus activities.
2020-2021 student enrollment numbers.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{3}{*}{ESF Levers
Lever 3: Positive School Culture
1) Two campus showcases will be hosted (one per semester)
in which community members will be invited to partake in
campus activities that highlight programs offered.} & Faculty Administration & Promotion of STISD/Science Academy facilities and showcase academic opportunities. & 65 & 100 & 100\% \\
\hline & & & & & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 2000.00} \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture
\end{tabular} & Counselors Administration & Highlight strengths of the campus to promote future enrollment. & 45 & 80 & \\
\hline 2) Campus tours will be provided throughout the school year that highlight our programs and emphasize the SAIL Innovation (Maker-space) lab. The tours will be advertised via social media, website, showcase and newsletters. & & & & & \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture
\end{tabular} & Social media specialist Webmaster & Enhance recruitment efforts and promote Science Academy initiatives. & 40 & 70 & \\
\hline 3) School campus events and accolades will be promoted on social media and website. & Administration & & & & \\
\hline Interviews with our students and staff on why they choose STISD will be posted on newsletter and social media. & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 2400.00} \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{2}{*}{ESF Levers
Lever 3: Positive School Culture
4) Recruitment materials will be given to students, parents,
campus club organizations as well as valley wide, for brand
recognition that promote STISD and Science Academy.} & Faculty Counselors Administration & Enhance community awareness of our district and campus. & 45\% & 65\% & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 5000.00} \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture \\
5) PTSO and administration will work collaboratively to promote the district and campus initiatives and work jointly on recruitment events (i.e., showcases).
\end{tabular} & Administration Counseling Stakeholders & Strengthen communication among parents, teachers, students and community. & 55\% & 75 & \\
\hline \multirow[t]{2}{*}{6) Continue to host events that engage the community and highlight campus academic endeavors (i.e., Renfest, NHS carnival, EDD and GEMS).} & \begin{tabular}{l}
Faculty and staff Counseling \\
Administration
\end{tabular} & \begin{tabular}{l}
Promote Science Academy initiatives \\
Promote female engagement in STEM related curriculum and Engineering projects.
\end{tabular} & & 55 & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 5000.00} \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 1: Strong School Leadership and Planning \\
7) Schoolmint will be utilized to monitor the wait list and continue to extend invitations based on enrollment numbers.
\end{tabular} & Administration & Enhance Recruitment efforts/increased enrollment. & 100 & 100 & 100\% \\
\hline \multirow[t]{2}{*}{8) Technology Student Association will host its regional competition at Science Academy. This opportunity promotes the many different clubs represented on campus and recruits future students.} & TSA Sponsor Administration Faculty & Demonstrate academic prowess to fellow educators. & 40 & 100 & 100\% \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 2000.00} \\
\hline \multirow[t]{2}{*}{9) The Girls in Engineering and Science (GEMS) program will be expanded to ensure all students are afforded the opportunity to expand their knowledge on STEM related careers.} & Faculty Counselors Administration & Increased participation of females in STEM curriculum and career awareness & 0\% & & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 3000.00} \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

\section*{Goal 2: We will expand current programs and partnerships, as well as develop new ones, that support and enrich all of our students.}

Performance Objective 1: 2.2 We will develop a range of supplemental programs that diversify and expand current program offerings.
Evaluation Data Source(s) 1: STISD 2019-2020 Calendar for Collaboration and Master Schedule.
2019-2020 Campus Course Offerings.
2020-2021 Campus Course Offerings.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow{2}{*}{Strategy Description} & \multirow{2}{*}{Monitor} & \multirow{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{2}{*}{1) The Art department will offer a new course in Digital Media (Art Elective) for the 2020-21 school year.} & Art Department Administration & Expand current offerings for student growth & 50\% & 100 & 100\% \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 410 - Instructional Materials Allotment - 0.00} \\
\hline \multirow[t]{2}{*}{2) The Math department will offer a new course in Logic -a Math Problem Solving sponsored by Stanford University for 2020-21 school year.} & Math department Administration & Expand current offerings for student growth. & 50 & 100 & 100 \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 255 - Title II, Part A Training - 3000.00} \\
\hline \multirow[t]{2}{*}{3) The History department will prepare to offer a new advanced course 2020-21 school year.} & Administration History department & Expand current offerings for student growth & & 85 & 100 \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 3000.00} \\
\hline \multirow[t]{2}{*}{4) Students who have complete all course work offered within a department will be supported in attending courses at the university level not offered at our campus (e.g., Linear Algebra) during the school day either by physically attending UTRGV, STC, or online.} & Counseling Administration & Increased opportunities for college credits not offered at the campus level & 100\% & 100 & 100 \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 410 - Instructional Materials Allotment - 0.00} \\
\hline \multirow[t]{2}{*}{5) Summer enrichment opportunities will be secured for our students through our partnerships with universities such as Rice, Stanford, John Hopkins, Cornell and Summer Institute for the Gifted.} & Administration Counseling Faculty & Increase summer enrichment participation and partnerships & & 100 & 100 \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 15000.00} \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|r|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{2}{*}{6) An externship program (P.A.E) for a cohort of Juniors will be implemented beginning the 2020-21 school year. Students will be going off campus to participate in an externship based on their career interest (law, medicine, engineering, business).} & \begin{tabular}{l}
Administration \\
Program coordinator \\
Teachers
\end{tabular} & Student recruitment Increased opportunities for students & 50\% & 80\% & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 244 - Career Technical Education - 6000.00} \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

\section*{Goal 3: We will design, implement and evaluate support systems that attract and retain students.}

Performance Objective 1: 3.3 We will develop a system for parental involvement that engages all parents.
Evaluation Data Source(s) 1: Parent and student attendance at campus activities.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture \\
1) Through PTSO, via monthly parent newsletter and social media, parents will be invited to campus events and keep informed on new initiatives.
\end{tabular} & PTSO President Administration & Increased parent awareness of campus activities. & 55\% &  & \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture \\
2) Continue to establish different types of communication channels with stakeholders via social media, newsletters, "Meet the Teacher \& Open House" and PTSO evening meetings to ensure parental participation.
\end{tabular} & Administration Counseling Faculty & Increased communication with parents. & 60\% & -75\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 3: We will design, implement and evaluate support systems that attract and retain students.
Performance Objective 2: 3.2 Create a collaborative intervention system consisting of students, staff and parents.

\section*{Evaluation Data Source(s) 2:}

Summative Evaluation 2:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Continue utilization of interventions delineated on the pyramid of interventions to support students and improve academic performance. & Faculty Counseling Administration & Minimize failure rate Improve state/AP assessment scores & & \[
80 \%
\] & \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture \\
2) Continue to foster the Early Identification System (EIS) sponsorship program, that addresses at-risk students who have
\end{tabular} & Administration Sponsors & Minimize failures, establish relationships and improve student achievement. & 60 & -75\% & \\
\hline absences. Data on the success of the program will be established. & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 1000.00} \\
\hline 3) The social worker and counselors will provide support to students during crisis to include the bereavement group. & Social worker Counselors Administration District wellness specialist & Strengthen systematic support available to students & 80 & 85\% & \\
\hline 4) Student academic interventions will be enhanced through PAL's (Peer Assistance and Learning) by assigning student mentors to assist in tutoring. & \begin{tabular}{l}
Students \\
PAL sponsor Counselors Administration
\end{tabular} & Empower student leaders Provide support to struggling learners & & 60\% & \\
\hline \multirow[t]{2}{*}{5) Summer Camps will be offered to our prospective incoming students to facilitate transition to our campus, build relationships prior to the start of the year, and thereby increasing retainment.} & \begin{tabular}{l}
Administration Sponsor \\
Counseling \\
Faculty
\end{tabular} & Increase retainment of incoming freshman & & \(65 \%\) & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 3000.00} \\
\hline 6) Student voice will be considered when designing interventions, course offerings, recruitment/retainment ideas through the "Student Advisory Group" (SAG) monthly meetings and suggestion box. & Administration Student Council Sponsor/Club Counseling & Interventions systems designed with all stakeholders & 65 & 80\% & \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 7) The campus will provide mental and physical wellness interventions such as antivaping/drug campaigns and public service announcements. & \begin{tabular}{l}
Community service club \\
Administration \\
Nurse
\end{tabular} & Inform students and parents about dangers of risky behavior. & 60\% & -75\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

\section*{Goal 4: We will implement and evaluate aligned curriculum, instruction, and assessments that provide real world experiences and profound learning for all students.}

Performance Objective 1: 4.2 We will utilize academic and real-world data to evaluate and revise curricular content, instruction, and assessment.
Evaluation Data Source(s) 1: Use of formative assessment data, student grades and standardized test scores to change instruction.
2019-2020 Campus Course Offerings.
2020-2021 Campus Course Offerings.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow{2}{*}{Strategy Description} & \multirow[t]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 5: Effective Instruction \\
1) Teachers will give formative assessments, analyze the data and explain how the data will impact their instructions. The process will be uploaded to TEAMS for review.
\end{tabular} & Faculty Administration District Administration & Differentiated instruction and targeted instruction & \[
75 \%
\] & \[
85
\] & \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 5: Effective Instruction \\
2) Teachers will submit lesson plans that will include clear measurable objectives, engaging activities and assessments that inform instruction. Appraiser will provided needed feedback based on plans submitted.
\end{tabular} & Faculty Administrations & Increased student engagement and aligned curriculum, instruction and assessment. & \[
75 \%
\] & \[
85
\] & \\
\hline 3) Teachers will be meeting by subject groups (not just departments) to ensure instruction, activities and assessments are aligned in common subject groups. & Team leaders Faculty Administration & Increased student engagement and aligned curriculum, instruction and assessment & 75 & 85 & \\
\hline \multirow[t]{2}{*}{4) Teachers will be provided professional development opportunities geared towards the improvement of student achievement and training in student safety (campus priority).} & Faculty Administration & Improve academic proficiency Minimize student failures & & & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 10000.00} \\
\hline 5) Monthly team leader meetings will have a PLC centered focus and framework. & Team leaders Team members Administration & Enhance teaching strategies to impact instruction. & \[
65 \%
\] & 80 & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 4: We will implement and evaluate aligned curriculum, instruction, and assessments that provide real world experiences and profound learning for all students.

Performance Objective 2: 4.4 Expand collaborative learning models that integrate real-world experiences.
Evaluation Data Source(s) 2: Use of cooperative learning (Kagen strategies and others) within instruction.
Increased project-based instruction and learning.
Summative Evaluation 2:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 5: Effective Instruction \\
1) Teachers will integrate cooperative learning strategies, such as Kagan, in their lessons when appropriate and wii be evidenced in their lesson plans and walk-through visits.
\end{tabular} & \begin{tabular}{l}
Faculty \\
Administration
\end{tabular} & Increased student engagement & \[
55 \%
\] &  & \\
\hline \begin{tabular}{l}
ESF Levers \\
Lever 5: Effective Instruction \\
2) Instructional Design Days will incorporate continued professional development that incorporates aspects of the district learning institute.
\end{tabular} & Administration Faculty & Increased student performance as evidenced by passing rates, State/Ap assessments & 50\% & \[
100 \%
\] & \(100 \%\) \\
\hline 3) Departments will incorporate multidisciplinary lessons in their curriculum that will allow them to integrate the use of the innovation lab. & \begin{tabular}{l}
Faculty \\
Administration
\end{tabular} & Expanding lessons to include real-world experiences & 75\% & 90\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

\section*{Goal 5: We will expand and create social and extracurricular opportunities that enrich all students' lives.}

Performance Objective 1: 5.2 We will create a variety of social and extracurricular activities that appeal to all students.
Evaluation Data Source(s) 1: STISD 2019-2020 Calendar for Collaboration.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{3}{*}{\begin{tabular}{l}
ESF Levers \\
Lever 3: Positive School Culture \\
1) Students will have an opportunity to participate in 2019-2020 Superintendent's Cup (e.g., volleyball, basketball, chess, etc).
\end{tabular}} & Coaches Administration & Increased school spirit & \[
709
\] & 80 & \\
\hline & & & & & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199-General Fund - 2000.00} \\
\hline \multirow[t]{2}{*}{2) Students will have an opportunity to participate in U.I.L. Academics based on their interests.} & UIL Sponsor and coaches Administration & Academic opportunities for growth & 100\% & 100 & 100\% \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 3000.00} \\
\hline 3) Student clubs will be encouraged to hold social activities that interest our students such as music concerts, nerf wars, entertainment night, Java Night, pep-rallies (academic \& athletic) and other social occasions. & Club Sponsors and students Administration & Increased student engagement in social activities & \[
60 \%
\] & 65\% & \\
\hline 4) Participation in the variety of clubs offered at The Science Academy will be fostered by promoting membership through a beginning of year rally (KOM). & KOM Sponsor Club Sponsors and members Administration & \begin{tabular}{l}
Grow student involvement in campus events \\
Student recruitment
\end{tabular} & \(100 \%\) & 100 & 100\% \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

\section*{Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.}

Performance Objective 1: 98 percent and above on annual student and teacher attendance.
Evaluation Data Source(s) 1: Annual STISD attendance data.
TSDS PEIMS summer submission data.
Summative Evaluation 1:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Administration will track teacher absences and address excessive absences with individual teachers. & Administration Faculty & Decreased teacher absences. & 65\% & - 75 & \\
\hline \multirow[t]{2}{*}{2) Teachers with perfect attendance for the month will receive treats.} & Administration & Improved teacher attendance & & & \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 1000.00} \\
\hline 3) Students with three or more absences will be required to recover hours outside of class time to include the attendance of Saturday school. & Administration PEIMS clerk & Decreased student absences & 55\% & 70\% & \\
\hline 4) Social worker will call parents of students with three or more absences. & Social worker Administration & Decreased student absences & 6 & - & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 2: 85 percent of STISD students earn Meets and 50 percent earn Masters level on state assessments.
Evaluation Data Source(s) 2: 2019-2020 STAAR Score Reports.
Summative Evaluation 2:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Teachers that teach EOC state exam courses will give "mock exams" on DMAC, MasteryConnect or other data analysis tools and analyze the data and adjust instruction to close the gaps of individual students. & \begin{tabular}{l}
Faculty \\
Administration
\end{tabular} & Increased "Mastery" performance on EOC exams & 55\% & -75\% & \\
\hline 2) Teachers will spiral in EOC STAAR question on each of their summative assessments. & \begin{tabular}{l}
Teachers \\
Administration
\end{tabular} & Increased "Mastery" performance on EOC exams. & 55\% & (80\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 3: - 90 percent of the student cohort will reach graduation completion at STISD.
- 99 percent of STISD students will successfully complete graduation requirements and earn at least one endorsement.

Evaluation Data Source(s) 3: TSDS PEIMS graduation data.
STISD Graduate Report.
Summative Evaluation 3:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Counselors will continue to meet with individual students to make sure they are following the cohort and provide interventions as needed. & \begin{tabular}{l}
Counselors \\
Administration Faculty
\end{tabular} & Students' lacking credit will be remediated so that they graduate with cohort & 55\% & \[
90 \%
\] & \\
\hline 2) Administration will ensure the parents of students that are falling behind their cohort are contacted and met with through the "Student Review Team" process (SRT). & Counselors Administration & Students lacking credit will have a support system to include parent involvement & \[
65 \%
\] & \[
85
\] & \\
\hline \multicolumn{6}{|c|}{\[
100 \%=\text { Accomplished } \quad 0 \%=\text { No Progress }=\text { Discontinue }
\]} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 4: Each student will take a college entrance exam before the end of the first semester of the year they plan to graduate.
- 50 percent of students will attain a SAT score of 1110 or higher/ACT score of 24 or higher.

Evaluation Data Source(s) 4: STISD College Score Report.
Summative Evaluation 4:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline \multirow[t]{2}{*}{1) All 11th grade students will take the SAT assessment on campus during a school day in the Spring semester so that participation is maximized.} & Counseling Administration & 100 percent of Juniors will have attempted a college entrance exam &  & 100 & 100\% \\
\hline & \multicolumn{5}{|l|}{Funding Sources: 199 - General Fund - 25000.00} \\
\hline 2) Path College Career course will be mandated for all Juniors. The course will provide SAT review sessions, afford students with a blueprint of the assessment and allow students an opportunity to take practice SAT assessments. & Course instructor Administration & Higher percentage of students attaining 1110 or higher on SAT. & \[
55 \%
\] & 100 & 100\% \\
\hline 3) Khan Academy (in partnership with College Board) prep materials will be utilized in the Path College Transition class for student training. UWorld SAT/ACT prep material will also be considered as a resource. & \begin{tabular}{l}
Course instructor \\
Administration
\end{tabular} & Higher percentage of students attaining 1110 or higher on SAT. & 70 & 100 & 00 \\
\hline 4) The campus TSI Instructor will ensure our students are TSI complete for any students that are not exempt. & Counseling TSI Instructor Administration & & 45\% & 100 & 100 \\
\hline \multicolumn{6}{|c|}{\[
100 \%=\text { Accomplished } \quad 0 \%=\text { No Progress }=\text { Discontinue }
\]} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 5: - Each student achieves a passing score on one or more AP, IB, or dual credit course while enrolled at STISD.
- Student participation rates on AP and IB tests will remain the same or increase annually.
- Qualifying AP and IB scores will increase annually.

Evaluation Data Source(s) 5: STISD AP and IB Participation and Score Report.
Summative Evaluation 5:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Teachers that teach an Advanced Placement (AP) course will give "mock exams" and analyze the data to adjust instruction and close the gaps of individual students. & AP Teachers Administration & Increase number of students attaining a qualifying score of 3 or higher & \[
50 \%
\] &  & \\
\hline 2) Teachers will utilize AP resources such as Albert.io, UWorld and AP classroom to help prepare students for AP exams. & \begin{tabular}{l}
Faculty \\
Administration
\end{tabular} & Improved qualifying AP scores & 50\% & 80\% & \\
\hline 3) Teachers will spiral in AP level questioning on all formative and summative assessments and reteach as necessary. & \begin{tabular}{l}
Faculty \\
Administration
\end{tabular} & Improved qualifying AP scores & 60\% & 75\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 6: 100 percent of students with Individual Education Plans include measurable goals that are annually updated.
Evaluation Data Source(s) 6: STISD IEP's with ARD approval.
Summative Evaluation 6:
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{2}{*}{Strategy Description} & \multirow[b]{2}{*}{Monitor} & \multirow[b]{2}{*}{Strategy's Expected Result/Impact} & \multicolumn{3}{|l|}{Formative Reviews} \\
\hline & & & Jan & Mar & June \\
\hline 1) Administration will meet with the SPED department monthly to ensure that individual student plans are regularly evaluated and goals are updated. & SPED department Administration & Compliance on all IEP deadlines and requirements & 70\% & 90\% & \\
\hline 2) The Special Education Department will provide targeted professional development to all teachers through the department collaboration time. & Administration SPED department Faculty & Improved implementation of student's IEP & (85\% & 95\% & \\
\hline \multicolumn{6}{|c|}{} \\
\hline
\end{tabular}

Goal 6: Student achievement will be exemplary as demonstrated through multiple measures.
Performance Objective 7: Results Driven Accountability (RDA) formerly State Performance-Based Monitoring (PBM) indicators are met annually.
Evaluation Data Source(s) 7: STISD Results Driven Accountability (RDA) -PBM Reports published by the Texas Education Agency.
Summative Evaluation 7:

\section*{2019-2020 Site Based Decision Making Team}
\begin{tabular}{|l|l|l|}
\hline Committee Role & Name & Position \\
\hline Classroom Teacher & Dale Coalson & \\
\hline Classroom Teacher & Loretta McGee & \\
\hline Classroom Teacher & Ana Cortez & \\
\hline Classroom Teacher & Andrew Cortez & \\
\hline Classroom Teacher & Selena Overton & \\
\hline Classroom Teacher & Mardonnia Silva & \\
\hline Classroom Teacher & Mark Orta & \\
\hline Classroom Teacher & Michele Rodriguez & \\
\hline Classroom Teacher & Joseph Wilson & \\
\hline Classroom Teacher & Dafne Carapia & \\
\hline Non-classroom Professional & Sylvia Gamboa & \\
\hline Non-classroom Professional & Maria Nevares & \\
\hline Student & Nick Leines & \\
\hline Student & Haythan El-Zaim & \\
\hline Parent & Carla Hughes & \\
\hline Parent & Benito Sanchez & \\
\hline Community Representative & Pamela Salazar & \\
\hline Community Representative & Olufemi Alabi & \\
\hline Business Representative & Cris Hernandez & \\
\hline Business Representative & Luis Madrigal & \\
\hline Administrator & Lorena Madrigal & \\
\hline Administrator & Irma Castillo & \\
\hline & & \\
\hline
\end{tabular}
\begin{tabular}{|l|l|l|}
\hline Committee Role & Name & Position \\
\hline Administrator & Lydia Gonzalez & \\
\hline
\end{tabular}

\section*{Campus Funding Summary}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{6}{|l|}{199 - General Fund} \\
\hline Goal & Objective & Strategy & Resources Needed & Account Code & Amount \\
\hline 1 & 1 & 1 & & & \$2,000.00 \\
\hline 1 & 1 & 3 & & & \$2,400.00 \\
\hline 1 & 1 & 4 & & & \$5,000.00 \\
\hline 1 & 1 & 6 & & & \$5,000.00 \\
\hline 1 & 1 & 8 & & & \$2,000.00 \\
\hline 1 & 1 & 9 & & 3000 & \$3,000.00 \\
\hline 2 & 1 & 3 & & & \$3,000.00 \\
\hline 2 & 1 & 5 & & & \$15,000.00 \\
\hline 3 & 2 & 2 & & & \$1,000.00 \\
\hline 3 & 2 & 5 & & & \$3,000.00 \\
\hline 4 & 1 & 4 & & & \$10,000.00 \\
\hline 5 & 1 & 1 & & & \$2,000.00 \\
\hline 5 & 1 & 2 & & & \$3,000.00 \\
\hline 6 & 1 & 2 & & & \$1,000.00 \\
\hline 6 & 4 & 1 & & & \$25,000.00 \\
\hline & & & & Sub-Total & \$82,400.00 \\
\hline \multicolumn{6}{|l|}{244 - Career Technical Education} \\
\hline Goal & Objective & Strategy & Resources Needed & Account Code & Amount \\
\hline 2 & 1 & 6 & & & \$6,000.00 \\
\hline \multicolumn{5}{|r|}{Sub-Total} & \$6,000.00 \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{6}{|l|}{255 - Title II, Part A Training} \\
\hline Goal & Objective & Strategy & Resources Needed & Account Code & Amount \\
\hline 2 & 1 & 2 & & & \$3,000.00 \\
\hline & & & & Sub-Total & \$3,000.00 \\
\hline \multicolumn{6}{|l|}{410 - Instructional Materials Allotment} \\
\hline Goal & Objective & Strategy & Resources Needed & Account Code & Amount \\
\hline 2 & 1 & 1 & & 5000 & \$0.00 \\
\hline 2 & 1 & 4 & & 5000 & \$0.00 \\
\hline \multicolumn{5}{|r|}{Sub-Total} & \$0.00 \\
\hline \multicolumn{5}{|r|}{Grand Total} & \$91,400.00 \\
\hline
\end{tabular}```

