



CAMPUS IMPROVEMENT PLAN

SST-Discovery

2017-2018

5707 Bandera Road, San Antonio, TX 78238

210-543-1111

210-543-1112

SCHOOL OF SCIENCE AND TECHNOLOGY - DISCOVERY
2016-17 CAMPUS IMPROVEMENT PLAN MEETING

AGENDA

MEETING INFORMATION

Date: 3/24/2017
Time: 12:30pm
Location: 145

AGENDA ITEMS

Item/Presenter

- Campus Improvement Plan

ATTENDEES

- ✓ Brianna Brown
- ✓ Amber Johnson
- ✓ Joseph Garza
- ✓ Rodney Rogers, parent

NEXT MEETING (IF APPLICABLE)

District CIP will be scheduled by Mrs. Medina and Mr. Rogers will be contacted to participate as a parent for our district.

OTHER NOTES OR INFORMATION

Amber Johnson

Recorded By:

March 24, 2017

Date:

SCHOOL OF SCIENCE AND TECHNOLOGY - DISCOVERY

2016-17 CAMPUS IMPROVEMENT PLAN MEETING

Date: 3/24/2017

Call to order

BRIANNA BROWN called to order the regular meeting of the **SST-DISCOVERY** at **12:30PM** on **3/24/2017** in **Mrs. Brown's office – Room 145**.

Roll call

Amber Johnson conducted a roll call. The following persons were present:

- ✓ Brianna Brown
- ✓ Amber Johnson
- ✓ Joseph Garza
- ✓ Rodney Rogers, parent

Open issues

Campus Improvement Plan was completed using data and information from the CNA documents completed by the committees.

New business

District CIP will be scheduled by Mrs. Medina and Mr. Rogers will be contacted to participate as a parent for our district.

Adjournment

BRIANNA BROWN adjourned the meeting at **2:45PM**.

Minutes submitted by: **AMBER JOHNSON**

Minutes approved by: **BRIANNA BROWN**

Comprehensive Needs Assessment: Summary of Priority Needs

<i>Need #</i>	<i>DEMOGRAPHICS</i>
1.1	We need another GT teacher based on data and the increase of students in the GT program.
1.2	We need to work on identifying students for 504 and SpEed in a timely manner.
1.3	We need to work on exiting students from 504, Sped and ESL in a timely manner.
1.4	We need to focus on decreasing mobility, while increasing stability rates.
1.5	We need to put initiatives in place for community outreach programs in our most populated zip code areas.

<i>Need #</i>	<i>STUDENT ACHIEVEMENT</i>
2.1	We need to provide extended learning opportunities (homework help, study halls, etc) that create more opportunity for our struggling learners.
2.2	We need to offer more personalized attention to our struggling students (through smaller labs and perhaps a mentor program),
2.3	We need to create more parent/community outreach services.
2.4	We need to increase student engagement.
2.5	

<i>Need #</i>	<i>SCHOOL CULTURE & CLIMATE</i>
3.1	We need training for teachers on communication and social skills.
3.2	We need to develop a discipline management plan for elementary and middle school that is consistent and followed through easily, structure for ISS, and immediate detentions.

3.3	We need opportunities to create school pride.
3.4	We need to provide teachers with de-escalation training for severe behaviors.
3.5	We need to increase staff morale in connection to administration.

<i>Need #</i>	<i>STAFF QUALITY, RECRUITMENT AND RETENTION</i>
4.1	*Our staff will be provided professional development programs or related services to meet HQ requirements or to better serve students*
4.2	We need mentor teachers to support new teachers in our campus
4.3	Our staff needs to attend more effective professional development programs within the school.
4.4	We need to work on 100% of teachers being certified.

<i>Need #</i>	<i>CURRICULUM, INSTRUCTION, AND ASSESSMENT</i>
5.1	K-2 Department needs strong writing curriculum that aligns with TEKS.
5.2	We need more differentiated curriculum that supports all student's needs
5.3	We need curriculum specific trainings and workshops.
5.4	
5.5	

<i>Need #</i>	<i>FAMILY AND COMMUNITY INVOLVEMENT</i>
---------------	---

School of Science and Technology - Discovery

6.1	We need a school counselor and behavior unit (designated room).
6.2	We need to implement a strong school wide social skills/responsibility/respect program of character education that students continue to practice throughout the week.
6.3	We need to increase the number of positive feedback (emails/phone calls to parents).
6.4	We need to re-enlist an active PTO with guidelines of needs of parents and administration to come to an agreement.
6.5	We need to incorporate a classroom volunteer program (reading in class, letter writing practice, etc)

<i>Need #</i>	<i>SCHOOL CONTEXT AND ORGANIZATION</i>
7.1	We need to create activities and events to increase motivation of staff, parents, and students.
7.2	We need more staff involvement in decision making.
7.3	We need a counselor.
7.4	
7.5	

<i>Need #</i>	<i>TECHNOLOGY</i>
8.1	We need educational software and hardware for students and staff, along with training to utilize them effectively.
8.2	We need to utilize extra bandwidth.
8.3	We need to centralize formatted programs/software that begins in kinder to help increase student engagement, communication, motivation, and technological independence .
8.4	We need a digital monitor/marquee display that will increase communication with our parents.

8.5	We need to offer more hands-on projects for middle school (Raspberry Pi, 3-D printing stations, etc)
-----	--

CAMPUS IMPROVEMENT PLAN

Vision

The vision is to enable students to succeed in school, in the workplace, and to provide options for students to enter math, science, and engineering careers. This will lead to students becoming productive and responsible citizens and even Nobel laureates.

Mission

SST's mission is to prepare each student for higher education by providing a safe, caring, and collaborative atmosphere featuring a quality, student-centered educational program with a strong emphasis on science, technology, engineering, and math (STEM).

Core Values

We believe that excelling in math and science prepares youth to succeed in college, the workplace, and the 21st century. SST schools demonstrate that, with a high-quality program and the right social and emotional supports in place, all students, regardless of racial or economic background, can achieve outstanding results. SST has developed a set of core values that inform and guide the organization in all aspects—from the classroom to the central office—and contribute to a consistent, results-oriented culture across all regions and schools.

SST Core Values:

- High Expectations: Every student will learn and grow into a successful and productive citizen.
- Dedicated Staff: We do whatever it takes to help our students reach their goals.
- Working Together: Our students, parents, and staff work in SST to create a strong community of success.
- Character Matters: We guide our students to value integrity, show respect, and be responsible.

School of Science and Technology - Discovery

- STEM for All: Every student will graduate with a strong understanding and appreciation of STEM and how it connects to the real world.

School Profile

School of Science & Technology - Discovery (SST-Discovery) is a high-performing, open enrollment state public charter school approved and accredited by the Texas Education Agency (TEA). Known for its successful integration of science and math programs into a well-rounded curriculum and diverse student body, SST-Discovery is a school of choice for any (Kinder - 8) student residing in San Antonio Metro Area.

The **Mission** of SST-Discovery is to discipline each student for higher education through delivering a student-centered rigorous educational program with a strong emphasis on science, technology, engineering, and math (STEM) in a safe, caring, and collaborative learning environment.



SST-Discovery offers SpEd, ESL, GT, 504 programs.

DEMOGRAPICS	# of Students in 2016-17	% of Students in 2016-17	# of Students in 2015-16	% of Students in 2015-16	# of Students in 2014-15	% of Students in 2014-15
Total	483		446		409	
Econ. Disadvantaged	271	56.1	261	58.5	255	62.3
LEP	81	16.8	40	9	40	9.8
SPED	22	4.8	24	5.4	25	6.1
GT	74	15.3	52	11.7	32	7.8
MALE	267	55.3	225	54.45	219	53.40
FEMALE	216	44.7	190	45.78	191	46.58
NATIVE	0	0	1	.2	1	.2

School of Science and Technology - Discovery

ASIAN	62	12.8	20	4.5	28	6.8
BLACK	36	7.5	42	9.4	41	10
WHITE	82	17	75	16.8	59	14.4
HISPANIC	302	62.5	297	66.6	273	66.7

Campus Improvement Council (CIC)

This plan has been developed through the collaborative efforts of campus stakeholders and will be monitored periodically for effectiveness according to a schedule and system established by the Campus Improvement Council. Campus Improvement Council (CIC) is led by the Principal and may include Assistant Principals, Federal Programs Coordinators, Teachers, Students, Parents, Business Partners, Community reps, etc.

SST PUBLIC SCHOOLS GOALS

Goal #1 Student Achievement and Post-Secondary Success: SST-District will maintain rigorous standards of achievement to prepare all students for graduation and post-secondary success.

Goal #2 Recruitment, Development, and Retention of Highly Qualified Staff: SST-District will employ, develop and retain highly qualified staff to maximize learning for all students.

Goal #3 Parent and Community: SST-District will work jointly with parents and the community to maximize learning for all students through two-way communication, collaborative partnerships and unity of purpose.

Goal #4 Safe Schools: SST-District strives to ensure a safe, healthy, and orderly environment conducive to learning for all students and staff.

Goal #5 Technology: SST-District will utilize technology to maximize learning for all students and to enhance the educational practices of teachers.

Goal #6 Extracurricular Programs: SST-District will give students the opportunity to expand their knowledge in the subject of their interest beyond curriculum level.

TEN COMPONENTS OF A SCHOOL WIDE TITLE I CAMPUS

1. Conduct a comprehensive need assessment of the school based on student performance. (*CNA Summary*)
2. Reform Strategies: Utilize scientifically researched based reform strategies which strengthen the core academic program in the school and increase the amount and quality of learning time, such as providing before/after school programs and help provide an enriched and accelerated curriculum, address the needs of all children but particularly the needs of low achieving children and those at risk, and determine how the school will measure if these needs are being met. (*Strategies and Action Steps*)
3. Ensure that all instructional staff is highly qualified. (*SST-GOAL #2*)

School of Science and Technology - Discovery

4. In accordance with Section 1119, provide opportunities for professional development with resources provided under this part, and to the extent possible, from other sources, for teachers, Area Superintendents, and paraprofessionals, including, if appropriate, pupil services personnel, parents, and other staff, who work with participating children in programs under this section or in a regular education program. *(SST-GOAL #2)*
5. Develop strategies to attract high quality and highly qualified teachers to high need schools and high need areas. *(SST-GOAL #2)*
6. Develop Strategies to increase parental involvement. *(SST-GOAL #3)*
7. Pre-school transition *(Not Applicable)*
8. Provide opportunities for teachers to be involved in the decision regarding the use of assessments described in order to provide information on and to improve the achievement of individual students and the overall instructional program. *(SST-GOAL #1)*
9. Describe opportunities that will be provided to students who experience difficulty mastering any of the State's standards required by Section 1111. Students will be provided with effective, timely and additional assistance. This assistance must include measures to ensure that the student's difficulties are identified on a timely basis and provide sufficient information on which to base effective assistance. *(SST-GOAL #1)*
10. Coordinate and integrate Federal, State, and Local services and programs, including programs supported under this Act such as violence prevention programs, nutrition programs, Head Start, adult education, vocational and technical education, and job training. *(SST-GOAL #1 & GOAL #4)*

THE STATE OF TEXAS PUBLIC EDUCATION GOALS

- Goal #1:** The student in the public education system will demonstrate exemplary performance in the reading and writing of the English language. *(SST-GOAL #1)*
- Goal #2:** The students in the public education system will demonstrate exemplary performance in the understanding of mathematics. *(SST-GOAL #1)*
- Goal #3:** The students in the public education system will demonstrate exemplary performance in the understanding of science. *(SST-GOAL #1)*

Goal #4: The students in the public education system will demonstrate exemplary performance in the understanding of social studies. *(SST-GOAL #1)*

THE STATE OF TEXAS PUBLIC EDUCATION OBJECTIVES

Objective 1: Parents will be full partners with educators in the education of their children. *(SST-GOAL #3)*

Objective 2: Students will be encouraged and challenged to meet their full educational potential. *(SST-GOAL #1)*

Objective 3: Through enhanced dropout prevention efforts, all students will remain in school until they obtain a high school diploma. *(SST-GOAL #1)*

Objective 4: A well-balanced and appropriate curriculum will be provided to all students. *(SST-GOAL #1)*

Objective 5: Educators will prepare students to be thoughtful, active citizens who have an appreciation for the basic values of our state and national heritage and who can understand and productively function in a free enterprise society. *(SST-GOAL #6)*

Objective 6: Qualified and highly effective personnel will be recruited, developed, and retained. *(SST-GOAL #2)*

Objective 7: The state's students will demonstrate exemplary performance in comparison to national and international standards. *(SST-GOAL #1)*

Objective 8: School campuses will maintain a safe and disciplined environment conducive to student learning. *(SST-GOAL #4)*

Objective 9: Educators will keep abreast of the development of creative and innovative techniques in instruction and administration using those techniques as appropriate to improve student learning. *(SST-GOAL #2)*

Objective 10: Technology will be implemented and used to increase the effectiveness of student learning, instructional management, staff development, and administration. *(SST-GOAL #5)*

STRATEGIC PLANNING GOALS, OBJECTIVES and ACTION STEPS

Goal 1: The School will maintain rigorous standards of achievement to prepare all students for graduation and post-secondary success.							
Objective 1.1: Increase the achievement level at Level II: Satisfactory Academic Performance in the following subjects (check all that apply) in STAAR assessment: All Students: <input checked="" type="checkbox"/> Reading by <u>1%</u> <input checked="" type="checkbox"/> Math by <u>0.5%</u> <input type="checkbox"/> Writing by <u>1%</u> <input type="checkbox"/> Science by <u>0.5%</u> <input type="checkbox"/> Social Studies by <u>0.5%</u> African-American, Hispanic and Econ. Disadv. Populations: <input checked="" type="checkbox"/> Reading by <u>1%</u> <input checked="" type="checkbox"/> Math by <u>1%</u> <input type="checkbox"/> Writing by <u>1%</u> <input type="checkbox"/> Science by <u>0.5%</u> <input type="checkbox"/> Social Studies by <u>0.5%</u> LEP students: <input checked="" type="checkbox"/> Reading by <u>0.5%</u> <input checked="" type="checkbox"/> Math by <u>1%</u> <input type="checkbox"/> Writing by <u>1%</u> <input type="checkbox"/> Science by <u>0.5%</u> <input type="checkbox"/> Social Studies by <u>0.5%</u> Special Education programs <input checked="" type="checkbox"/> Reading by <u>0.5%</u> <input checked="" type="checkbox"/> Math by <u>0.5%</u> <input type="checkbox"/> Writing by <u>0.5%</u> <input type="checkbox"/> Science by <u>0.5%</u> <input type="checkbox"/> Social Studies by <u>v%</u>							
Strategies and Action Steps	Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A * Utilize Tutors, Interventionists, Instructional Contract Services and other support personnel to provide consistent assistance to all students in need with push in, pull out, during, after, before school, or Saturdays including Accelerated Instruction*	1, 2, 8, 9	Principal, Asst. Princ.,	Title I, SCE, General Fund	Yearly	Test scores, Mock Test results, Benchmark results, Intervention Binders	Benchmark Results, STAAR/EOC Results	2.1, 2.2, 5.2
B *Purchase testing materials, educational software and other supplemental instructional materials for STAAR Remediation and improving student performance including Special Education, ESL and at-risk students*	1, 2, 8, 9	Principal, Asst. Princ., Teachers	Title I, Title III, IDEA B, SCE, General Fund	Yearly	Test scores, Mock Test results, Benchmark results	STAAR Test	5.2

School of Science and Technology - Discovery

C	*Utilize Special Education teachers and related Instructional Contract Services to maximize the learning of students with special needs.*	1, 2, 8, 9	Principal, Asst. Princ., SPED Coordinator	IDEA B, SCE, General Fund	Yearly	Test scores, Mock Test results, Benchmark results	Reports	2.1, 2.2
D	*Utilize Title III interventionists and related Instructional Contract Services to enhance LEP students' performance.*	1, 2, 8, 9	Principal, Asst. Princ., ESL Coordinator	Title III, General Fund, SCE	Yearly	Test scores, Mock Test results, Benchmark results	Benchmark Results, STAAR Test	2.1, 2.2

Goal 2: The School will employ, develop and retain highly qualified staff to maximize learning for all students.								
Objective 2.1: Provide professional development opportunities for teachers and staff.								
Objective 2.2: Recruit and retain highly qualified teachers and staff for all students.								
	Strategies and Action Steps	Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A	*Provide professional development opportunities to teachers and staff using contracted services*	1, 2, 3, 4, 5	Principal	Title II, SCE, General Fund	Yearly	Certificate of completion, attendance logs	Teacher evaluation	3.1, 4.1, 4.3, 4.4, 5.3
B	*Utilize cluster coaches for mentoring, supporting and training teachers*	1, 2, 3, 4, 5	Principal, Asst. Princ.,	Title II, General Fund	Yearly	TES,	Evaluation,	4.2, 5.3
C	Train administrators on job interview skills and organize job fairs	1, 2, 3, 4, 5	Principal	Title II, SCE, General Fund	Yearly	Activity calendar, attendance logs	Evaluation	4.1, 4.4
D	Utilize mentor teachers and department chairs for onboarding new teachers and teachers in need of assistance	1, 2, 3, 4, 5	Principal, Asst. Princ.	Title II, General Fund, SCE	Yearly	Mentor assignment lists, meeting schedules	Evaluation	4.2
E	Hold meetings, social events and team building activities with faculty to increase moral and improve school environment	1, 2, 3, 4, 5	Principal, Asst. Princ., Teachers	SCE, General Fund	Monthly	Events, activities, activity calendar	Surveys	3.3, 3.5, 7.1, 7.2

Goal 3: The School will work jointly with parents and the community to maximize learning for all students through two-way communication, collaborative partnerships and unity of purpose.

Objective 3.1: Provide volunteer opportunities for students and parents at school and in the community.
Objective 3.2: Enhance communication, collaboration, and involvement among the staff, parents, and community to support the students.

	Strategies and Action Steps	Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A	*Provide opportunities at school for parents to participate in academic and social events with their children*	1, 2, 6	Principal, Asst. Princ.,	Title I, III, SCE, General Fund	Quarterly	Activity calendar	Survey	1.5, 2.3,6.4, 7.1, 8.4
B	Use Wednesday mail, website, newsletters, email to increase communication	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Monthly	Newsletters	Surveys	3.1, 6.3, 6.4, 8.4
C	Encourage teachers to schedule home visits to all, especially economically disadvantaged students.	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Monthly	Home visit logs	Activity Report	2.3, 3.1,3.3, 6.3
D	Provide other programs to parents such as Homeroom parents, Hundred community service hours, MOUs with Businesses and Colleges	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Activity calendar	Activity Report	2.3, 6.4,6.5, 7.1

Goal 4: The School strives to ensure a safe, healthy and orderly environment conducive to learning for all students and staff.

Objective 4.1: Provide staff development regarding discipline and classroom management issues.
Objective 4.2: Provide a coordinated health program to encourage students to participate physical activities.
Objective 4.3: Provide a safe school environment for all students and staff.

School of Science and Technology - Discovery

Strategies and Action Steps	Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A *Provide staff development in safe schools and enforce a school safety program that addresses conflict management, bullying, suicide prevention, discipline management, violence prevention and intervention methods.*	1, 2, 10	Principal, Asst. Princ., Teachers	Title I, Title II, SCE, General Fund	Yearly	Activity calendar	Reports	3.1, 3.2, 3.3, 3.4, 6.1, 6.2, 7.3
B *Help students track and evaluate their fitness assessment data and ensure that they participate in moderate to vigorous physical activity *	1, 2, 10	Physical Education Staff	SCE, General Fund	Yearly	Participation rate of physical activities	Fitness assessment data	2.1, 5.2, 7.1
C Enroll students in Character Education classes that provide awareness of sexual abuse and dangers of drugs, alcohol, and tobacco.	1, 2, 10	Principal, Asst. Princ.,	SCE, General Fund	Yearly	Course schedule	Reports	6.2

Goal 5: The School will utilize technology to maximize learning for all students and to enhance the educational practices of teachers.

Objective 5.1: Ensure that all students and staff utilize technology as a tool for learning.

Strategies and Action Steps	Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A *Purchase technology devices (document camera, laptop, chromebook, etc.) and educational software to maximize learning and teaching.*	1, 2, 4, 9	Principal, Asst. Princ., Teachers	Title I, SCE, General Fund	Yearly	Inventory, Invoices	STAAR Results, Benchmarks	2.4, 5.2, 8.1, 8.3, 8.5
B *Provide staff development on integration of technology in instructional and administrative programs*	1, 2, 4, 9	Principal	Title I, II, SCE, General Fund	Yearly	Annual PD Plan	Attendance Roster,	4.1, 5.3, 8.1, 8.2

Goal 6: The School will give students the opportunity to expand their knowledge in the subject of their interest beyond curriculum level.

Objective 6.1: Increase number of student enrolled in extracurricular programs offered by the school.
Objective 6.2: Have students complete projects and join competitions and contests.

Strategies and Action Steps		Title I Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
A	Ask teachers to offer variety of clubs and contract with organizations to offer programs at school	1, 2, 8	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Schedule, sign-in sheets		2.4,
B	Encourage students to participate in various competitions. Math Counts, Math League, Science Fairs, I-SWEEEP, Science Olympiad, Robotics etc.	1, 2, 8	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Schedule, sign-in sheets	Awards	8.5

2017-2018 BUDGET

Title I, Title II, Title III, IDEA-B, and State Compensatory Education (SCE)

Program/Service	Budget Amount	FTEs	Program/Service	Budget Amount	FTEs
Title I Part A			State Compensatory Education		
Payroll – Instructional	\$141,041.13	2.82%	Payroll – Instructional Support	\$	0
Instructional Contract	\$ (req. HQ & PI)		Instructional Contract Services	\$	
Instructional Supplies	\$		Instructional Supplies	\$	
Total	\$141,041.13		Total	\$	
Title II Part A			Carer & Technology (CTE)		
Payroll – Instructional	\$30,529.98	.61%	Payroll – Instructional Support	\$	0
Instructional Contract	\$		Instructional Contract Services	\$	
Instructional Supplies	-		Instructional Supplies	\$	
Total	\$30,529.98		Total	\$	
Title III Part A			Gifted & Talented (GT)		
Payroll – Instructional	\$6,109.92	.12%	Payroll – Instructional Support	\$	0
Instructional Contract	\$00		Instructional Contract Services	\$	
Instructional Supplies	\$00		Instructional Supplies	\$	
Total	\$6,109.92		Total	\$	
IDEA B Formula			Bilingual Education		
Payroll – Instructional	\$31,088.20	.62%	Payroll – Instructional Support	\$	0
Instructional Contract	\$		Instructional Contract Services	\$	
Instructional Supplies	-		Instructional Supplies	\$	
Total	\$31,088.20		Total	\$	
High School Allotment					
Payroll – Instructional	\$	0	Instructional Supplies	\$	
Instructional Contract	\$		Total	\$	
Please fill out each highlighted cell.					

