SCHOOL OF SCIENCE & TECHNOLOGY
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CAMPUS
CONTINUOUS IMPROVEMENT PLAN

School Of Science and Technology - Corpus Christi

Campus Number:015831-002

2019-2020

4737 Saratoga Blvd. Corpus Christi Tx. 78414

361-851-2450

2018 Accountability Rating: Met Standard

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The summary of the outcome of the Comprehensive Needs Assessment

Need #	DEMOGRAPHICS
1.1	*We need dropout prevention strategies for at risk students*
1.2	*We need to identify, monitor, and address McKinney Vento (homeless) needs.*
1.3	More class selections to keep students on our campus.

Need #	STUDENT ACHIEVEMENT
2.1	*We need interventionist and tutors especially for core subject areas*
2.2	*We need to utilize Special Education teachers and ESL support staff along with other services as needed to maximize the learning of all students*
2.3	*We need to ensure that all students are informed about career opportunities*
2.4	We need test prep books for students
2.5	We need to create more extra curricular activities to encourage class performance

Need #	SCHOOL CULTURE & CLIMATE
3.1	*Trainings and workshops are needed to minimize discipline and classroom management issues *
3.2	*There is a need to increase the number of students participating in physical activities to maintain physical well being*
3.3	*Create School Culture and Climate teams (SCCT) to be led by Principal aligned with ESSA*
3.4	We need safety person's visible on campus
3.5	We need students to have access to computers during non-school hours to do homework, check grades ect…….

Need #	STAFF QUALITY, RECRUITMENT AND RETENTION

4.1	*We need to find ways to increase our staff retention rate and reduce attrition.*
4.2	*We have many teachers with no experience and we need to help them through mentoring, workshops and professional development/trainings with ILT and professional learning communities (PLC)*Aligned with Equity Plan ESSA*
4.3	*We need to find ways to get our teachers certified through our STEP program and grants* Aligned with Equity Plan ESSA*
4.4	*We need to focus more on our teacher mentor program and restructure the areas that are not working by implementing our Instructional Leadership Teams (ILT)* Aligned with Equity Plan ESSA*

Need #	CURRICULUM, INSTRUCTION, AND ASSESSMENT
5.1	*Instructional leadership teams (ILT) and Professional Learning Communities (PCL) are needed to guide/train teachers for curriculum implementation and effective teaching* Aligned with Equity Plan ESSA*
5.2	*High school curriculum should support postsecondary success, College, Career and Military readiness (CCMR), and CTE which are a priority for our campuses.* YOU can put Elementary and M.S. instead of H.S. because CCMR is K-12
5.3	We need trainings and workshops to implement curriculum better
5.4	We need more differentiated curriculum that supports all students' needs

Need #	FAMILY AND COMMUNITY INVOLVEMENT
6.1	* District parental and family engagement policy must be evaluated and revised with parents.*
6.2	*The district will emphasize the effect of students' success to with our families and with involvement of parents in the review of the Parent Compact annually.
6.3	Increase parental involvement and find ways to attract parents to be volunteers in our district, especially in 6-12 grades.
6.4	Training for Skyward, ParentSquare, Google class (technology night; helpful videos)

Need #	SCHOOL CONTEXT AND ORGANIZATION

7.1	*We need to create extra learning time for students at risk and low performing; such as after school and Saturday tutoring and summer school*
7.2	*Emphasize the effect of parental and family engagement in students' success to our families, with involvement of parents and community in the review and updating of the Parent and Family engagement policies and goals annually.*.

Need #	TECHNOLOGY
8.1	*Educational and technical involvement with software and hardware are needed for students and staff along with training to utilize them effectively.* Aligned with ESSA plan
8.2	We need IT personnel to not be shared between the campuses.
8.3	Additional Chrome/iPads available per grade level
8.4	Training our new staff on the software that is avaible

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IMPROVEMENT PLAN

Vision

The vision of School of Science and Technology is to prepare students for academic success in their future education, enable students to have a broad spectrum of options for their future endeavors, and prepare them to be responsible and productive citizens.

Each child has an inherent curiosity and love of learning; and each has a unique intelligence, capability, and learning style. With this in mind, we will create a student-teacher-parent/guardian triad. Our students will strive toward their highest levels of capability with an education addressing their individual learning styles, thus fostering within them a life-long love of learning.

Mission

"Our mission at School of Science and Technology (SST) drives and socio-emotional development through a rigorous college preparatory, STEM-based learning model. SST's model is anchored on 21st century skills, embraced by character building approach, and delivered in an enriching, safe, and student centered learning environments."

Core Values

We believe that excelling in math and science prepares youth to succeed in college, the workplace, and the 21st century. School of Science and Technology 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. School of Science and Technology 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.

School of Science and Technology 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 School of Science and Technology to create a strong community of success.

• Character Matters: We guide our students to value integrity, show respect, and be responsible.

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

Per federal statute, the CIP must be

"developed with the involvement of parents and other members of the community to be served and individuals who will carry out such plan, including teachers, principals, and administrators (including administrators of programs described in other parts of this title), and, if appropriate, pupil services personnel, technical assistance providers, school staff, and, if the plan relates to a secondary school, students from such school" (Elementary and Secondary Education Act, Section 1114[b][2][B][ii]).

School Profile

DEMOGRAPHICS	# of Students in 2018-19	% of Students in 2018-19	# of Students in 2017-18	% of Students in 2017-18	# of Students in 2016-17	% of Students in 2016-17
Total			900	100%	813	100
Econ. Disadvantaged			689	76.6	452	55.6
LEP			45	5	39	4.8
SPED			84	9.3	69	8.5
GT			63	7.0	54	6.6
MALE						
FEMALE						
NATIVE			0	0	1	0.1
ASIAN			19	2.1	20	2.5
BLACK			34	3.8	37	4.6
WHITE			296	32.9	227	27.9
HISPANIC			540	60	513	63.5

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Staff Demographics

Teacher demographics	% of teachers in 2018-19	% of teachers in 2017-18	% of teachers in 2016-17	% of teachers in 2015-16
MALE		12.1	10	9.2
FEMALE		45.9	40.6	27.4
NATIVE		3	6	0
ASIAN		0	0	0
African American		2	2	2
WHITE		30	23	22.4
HISPANIC		23	19.6	12.2
PACIFIC ISLANDER		0	0	0
MIXED		0	0	0

SCHOOL OF SCIENCE AND TECHNOLOGY PUBLIC CHARTER GOALS

Goal #1 Student Achievement and Post–Secondary Success: SST-Campus will maintain rigorous standards of achievement to prepare all students for graduation and post-secondary success in college, career, and/or military readiness.

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

Goal #3 Parent and Community: SST-Campus 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-Campus strives to ensure a safe, healthy, and orderly environment conducive to learning for all students and staff.

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

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

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REQUIRED PROGRAM COMPONENTS BY ELEMENTARY AND SECONDARY EDUCATION ACT (ESEA)

1. The summary of the outcome of the CNA. (*CNA Summary*)
2. Schoolwide reform strategies. (*Strategies and Action Steps*)
3. Instruction by highly qualified teachers. *(SST-GOAL #2)*
4. High-quality and ongoing professional development program. *(SST-GOAL #2)*
5. Strategies to attract highly qualified teachers to high-need schools. *(SST-GOAL #2)*
6. Strategies to increase parental involvement. *(SST-GOAL #3)*
7. Plans for assisting preschool students in the successful transition from early childhood programs to local elementary schoolwide programs *(Not Applicable)*
8. Measures to include teachers in decisions regarding the use of academic assessments. *(SST-GOAL #1)*
9. Activities to ensure that students who experience difficulty attaining proficiency receive effective and timely additional assistance. *(SST-GOAL #1)*
10. Coordination and integration of federal, state, and local services and programs. *(SST-GOAL #1 & GOAL #4)*

Reference: https://tea.texas.gov/Finance_and_Grants/Grants/Federal_Flexibility_Initiative/Schoolwide_Programs/Schoolwide_Programs__Campus_Improvement_Plan

1. Parents will be full partners with educators in the education of their children. (*SST-GOAL #3*)
2. Students will be encouraged and challenged to meet their full educational potential. (*SST-GOAL #1*)
3. Through enhanced dropout prevention efforts, all students will remain in school until they obtain a high school diploma. *(SST-GOAL #1)*
4. A well-balanced and appropriate curriculum will be provided to all students. (*SST-GOAL #1*)
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)*
6. Qualified and highly effective personnel will be recruited, developed, and retained. *(SST-GOAL #2)*
7. The state's students will demonstrate exemplary performance in comparison to national and international standards. *(SST-GOAL #1)*
8. School campuses will maintain a safe and disciplined environment conducive to student learning. *(SST-GOAL #4)*
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)*
10. Technology will be implemented and used to increase the effectiveness of student learning, instructional management, staff development, and administration. *(SST-GOAL #5)*
11. The State Board of Education, the agency, and the commissioner shall assist school districts and charter schools in providing career and technology education to students. *(SST-GOALS #1 & #5)*

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TEA'S STRATEGIC PRIORITIES
1.   **Goal #1:**   Recruit, Support, and Retain Teachers and Principals. *(SST-GOAL #2)*
1.   **Goal #2:**   Building A Foundation of Reading and Math. *(SST-GOAL #1)*
1.   **Goal #3:**   Connect High School to Career and College. *(SST-GOAL #1)*
1.   **Goal #4:**   Improve Low-Performing Schools. *(SST-GOAL #1)*

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 in college, career, and/or military readiness.

Objective 1.1: Increase the achievement level at Approaches Grade Level or above in the following subjects (check all that apply) in STAAR:

All Students:

☒ **Reading** by **0.5%**   ☒ **Math** by **0.5%**   ☐ **Writing** by **0.5%**   ☐ **Science** by **0.5%**   ☐ **Social Studies** by **0.5%**

African-American, **Hispanic** and **Economically Disadvantaged** Populations:

☒ **Reading** by **0.5%**   ☒ **Math** by **0.5%**   ☐ **Writing** by **0.5%**   ☐ **Science** by **0.5%**   ☐ **Social Studies** by **0.5%**

LEP students:

☒ **Reading** by **0.5%**   ☒ **Math** by **0.5%**   ☐ **Writing** by **0.5%**   ☐ **Science** by **0.5%**   ☐ **Social Studies** by **0.5%**

Special Education programs

☒ **Reading** by **0.5%**   ☒ **Math** by **0.5%**   ☐ **Writing** by **0.5%**   ☐ **Science** by **0.5%**   ☐ **Social Studies** by **0.5%**

Objective 1.2: Provide a rigorous high school program to achieve post-secondary success by offering Advanced Placement (AP), CTE, and dual credit courses.

	Strategies and Action Steps	ESSA 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, Title IV	Yearly	Test scores, Mock Test results, Benchmark results, Intervention Binders	Benchmark Results, STAAR/EOC Results	2.1, 7.1 , 2.2

	Strategies and Action Steps	ESSA Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
B	*Purchase testing materials, educational software and other supplemental instructional materials for STAAR ; such as writing. Remediation and improving student performance in all subjects, and including Special Education, ESL and at-risk students*	1, 2, 8, 9	Principal, Asst. Princ., Teachers	Title I, Title III, Title IV, IDEA B, SCE, General Fund	Yearly	Test scores, Mock Test results, Benchmark results	STAAR Test	5.2, 2.4,
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	2.2
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	2.2,
E	Enroll students in AP, CTE and dual credit courses to attain post-secondary success in college, career, or military.	1, 2, 8, 9,11	Principal, Asst. Princ., College Counselor	CTE, High School Allotment, SCE, General Fund,	Yearly	College Readiness Benchmarks, Course Enrollment	College Readiness	5.2, 1.1, 1.3, 2.3, 8.3
F	Provide teachers with trainings and workshops to implement the curriculum/ instill more differentiated instruction to help students on the journey to post secondary educational opportunities.	1, 2, 8, 9	Principal, Asst. Princ., College Counselor	CTE, High School Allotment, SCE, General Fund,	Yearly	Test scores, Mock Test results, Benchmark results	Benchmark Results, STAAR Test	5.3, 5.4

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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	ESSA 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	4.1, 4.2, 4.3, 4.4

		ESSA Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
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,	5.1, 4.4, 4.2,
C	Utilize mentor teachers, ILT and PLC department chairs for onboarding new teachers and teachers in need of assistance; remembering to train new staff after the beginning of the year	1, 2, 3, 4, 5	Principal, Asst. Princ.	Title II, General Fund, SCE	Yearly	Mentor assignment lists, meeting schedules	Evaluation	4.2,4.4
D	Provide IT support and software training							8.2,5.3

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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	ESSA 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	6.1, 6.3, 6.4
B	Use website, electronic newsletters, email, and School of Science and Technology platforms to increase communication and involvement	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Monthly	Newsletters	Surveys, Volunteer Leader Board	6.1, 7.2,, 2.3, 6.2

	Strategies and Action Steps	ESSA Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
C	Encourage teachers to schedule home visits early in the first 9 weeks; especially economically disadvantaged students.	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Monthly	Home visit logs	Activity Report	7.2, 6.2
D	Provide other programs to parents such as Homeroom parents, Hundred community service hours	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Activity calendar	Activity Report	6.3
E	Encourage positive community influences to our daily culture	1, 2, 6	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Activity calendar	Activity Report	3.3

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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 heath program to encourage students to participate physical activities.
Objective 4.3: Provide a safe school environment for all students and staff.

	Strategies and Action Steps	ESSA 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, 3.4
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	3.2, 2.5
C	*Provide systematic instruction to students in special programs including dyslexia treatment programs, violence prevention programs, conflict resolution programs and suicide prevention programs in accordance with Subchapter O-1, Chapter 161, Health and Safety Code*	1, 2, 10	Area Superintendent, SPED Coordinator	SCE, General Fund	Yearly	Sped service logs,	Reports	3.1

	Strategies and Action Steps	ESSA Comp.	Person(s) Responsible	Resources	Timeline	Evidence of Implementation	Evidence of Impact	Needs # Addressed
D	*Work with parents, teachers and administrators to implement dropout prevention strategies such as mentoring/tutoring, after-school and summer programs, CTE programs and family engagement*	1, 2, 10	Area Superintendent, Cluster College Counselor	SCE, General Fund	Yearly	Activity Calendar	District Dropout Rate	1.1, 1.2, 7.1, , 3.5
E	*Develop and implement policies addressing sexual abuse and other maltreatment of children under Section 38.041*	1, 2, 10	Area Superintendent	SCE, General Fund	Yearly	Annual Report	Annual Report	3.1

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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	ESSA 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	8.1, 8.4, 8.3
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,	8.1

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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	ESSA 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		3.3,
B	Encourage students to participate in various competitions. Math Counts, Math League, Science Fairs, Science Olympiad, Robotics etc.	1, 2, 8	Principal, Asst. Princ., Teachers	SCE, General Fund	Yearly	Schedule, sign-in sheets	Awards	3.3

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2019-2020 Federal and State Programs Budget

Program/Service	Budget Amount	FTEs	Program/Service	Budget Amount	FTEs
Title I Part A *(Fund Code: 211; Intent Code: 30)* **Title IV A** *(Fund Code: 289; Intent Code: 24)*			**Carer & Technology (CTE)** *(Fund Code: 420; Intent Code: 22)*		
Payroll – Instructional Support	$262,962.86	5.26	Payroll – Instructional Support	$147,999	2.96
Instructional Contract Services	$1	0	Instructional Contract Services	$1	
Instructional Supplies	$1	0	Instructional Supplies	$1	
Total	$262,964.86	6	Total	$148,001	3
Title II Part A *(Fund Code: 255; Intent Code: 24)*			**Special Education** *(Fund Code: 420; Intent Code: 23)*		
Payroll – Instructional Support	$38,687.53	0.77	Payroll – Instructional Support	$457,741	9.15
Instructional Contract Services	$1	0	Instructional Contract Services	$1	
Instructional Supplies	$1	0	Instructional Supplies	$1	
Total	$38,689.53	1	Total	$457,743	10
Title III Part A *(Fund Code: 263; Intent Code: 25)*			**Bilingual Education** *(Fund Code: 420; Intent Code: 25)*		
Payroll – Instructional Support	$6,235.00	0.13	Payroll – Instructional Support	$15,070	0.30
Instructional Contract Services	$1	0	Instructional Contract Services	$1	
Instructional Supplies	$1	0	Instructional Supplies	$1	
Total	$6,237.00	0	Total	$15,072	0
IDEA B *(Fund Code: 224; Intent Code: 23)*			**Compensatory Education** *(Fund Code: 420; Intent Code: 30)*		
Payroll – Instructional Support	$167,068.65	3.34	Payroll – Instructional Support	$339,542	6.79
Instructional Contract Services	$1	0	Instructional Contract Services	$1	
Instructional Supplies	$1	0	Instructional Supplies	$1	
Total	$167,070.65	4	Total	$339,544	7
Gifted & Talented (GT) *(Fund Code: 420; Intent Code: 21)*			**High School Allotment** *(Fund Code: 420; Intent Code: 31)*		

Payroll – Instructional Support	$19,084	0.38	Payroll – Instructional Support	$33,919	0.68
Instructional Contract Services	$1		Instructional Contract Services	$1	
Instructional Supplies	$1		Instructional Supplies	$1	
Total	$19,086	0	Total	$33,917	1
We recommend you to use our Budget Calculator Excel Worksheet. Please fill out each highlighted cell.					