AGENCY NAME:	SC Governor's School for Science and Mathematics		
AGENCY CODE:	H65	SECTION:	Department of Education - GSSM

Fiscal Year 2017-18 Accountability Report

SUBMISSION FORM

AGENCY MISSION

The mission of the South Carolina Governor's School for Science and Mathematics (GSSM) is to offer the most academically able students of this state a learning environment that strengthens their ability to think critically, stimulates the joy of learning and fosters the excitement of discovery through hands-on scientific research.

The purpose of GSSM is to positively impact South Carolina's economic development through the cultivation of our current students and alumni, who are our state's future political and business leaders.

AGENCY VISION

GSSM will be recognized as a national leader in K-12 science and mathematics education, known for developing students who are exceptionally well-prepared to engage in global issues as creative and ethical leaders.

Please select yes or no if the agency has any major or minor (internal or external) recommendations that would allow the agency to operate more effectively and efficiently.

	Yes	No
RESTRUCTURING		
RECOMMENDATIONS:		\boxtimes

Please identify your agency's preferred contacts for this year's accountability report.

	<u>Name</u>	<u>Phone</u>	<u>Email</u>
PRIMARY CONTACT:	Brock Heron, VP of	843-383-3906	bheron@gssm.k12.sc.us
	Finance/Operations		
SECONDARY CONTACT:	Dr. Hector Flores, GSSM	843-383-3902	hflores@gssm.k12.sc.us
	President		

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I have reviewed and approved the enclosed FY 2017-18 Accountability Report, which is complete and accurate to the extent of my knowledge.

AGENCY DIRECTOR
(SIGN AND DATE):

9/20/18

BOARD/CMSN CHAIR
(SIGN AND DATE):

On. Hector Flores, GSSM President

Dalbert Of Carybell 9/20/18

(Type/Print Name): Mr. Talbert "Hal" Campbell, GSSM Board Chairman

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AGENCY'S DISCUSSION AND ANALYSIS

S.C. Governor's School for Science & Mathematics:

Under the leadership of President Hector Flores, GSSM designed a new strategic plan that was approved by its Board of Trustees in January 2018.

Repeatedly recognized nationally for excellence, GSSM advances academic achievement – and impacts economic development - throughout South Carolina by offering comprehensive residential, virtual, and exemplary outreach programs for students and teachers.

Milestone Achievement: For 2017 – 2018 GSSM had its largest graduating class in the history of the institution as it remains at "full capacity." GSSM also hired new instructors to teach advanced courses to these students – 88% of GSSM's faculty holds a PhD in their area of teaching, ALL have a Master's degree.

Global Academics: Supported by State and private funds, GSSM continues an international exchange of high school research students with sister high schools and a university in Germany and a sister high school and university in the Republic of Korea. GSSM added China for student research in the summer of June 2017.

Accountability Report Highlights:

Maintain Excellence, Outreach expansion and created a new strategic plan.

GSSM Core Values

- Ethics
- *Personal responsibility and accountability*
 - We build intellectual and moral character in our students.
 - > We are a team of highly talented individuals pursuing student-centered excellence
 - And help each other to do so too
- Strong belief in evidence-based learning, questioning and discovering
- Love of beauty, creativity, imagination & each other
- We will impact and improve education throughout South Carolina.

GSSM is Strong and Growing Stronger - Residential Students and Graduates:

- Led State in ACT scores (ACT 30.5)
- 100% admitted to college
- Seniors offered over \$16 million in scholarships last year self-reported as of May 26, 2018 by 50% of the Senior class.
- Nearly 70% of alumni works in STEM fields
- 77% of alumni works in their field of study
- 66% of alumni pursue advanced degrees
- 84% of alumni major in a STEM field (this data is limited)
- 37% of alumni are currently in careers in SC
- 2017 2018 maintain "full capacity."

Strong – Alumni

- Engineers
- Corporate careers examples: Google, Microsoft, General Electric, Westinghouse, Exxon, Scientist
- Medical careers examples: MUSC: thirteen medical students, two graduate students, one faculty member
- Entrepreneurs
- Academicians

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• Career Services Center: The purpose of the Career Services, which is run through GSSM Foundation, is to help Alums secure internships and careers.

GSSM Source of Strength - Faculty / Staff

- Credentialed and accomplished (All have Masters, 88% holds PhD's)
- Exemplify excellence and expect it from others
- Faculty and staff define their success by students' success
- Shared goals, clear responsibilities
 - Learning and mastery
 - *Growth and maturity*
 - College and life

Accelerate Engineering

- Graduated third class of seniors
- Developed new Admissions rubric and procedures
- Admitted fifth class of sophomores
- Added summer research program
- Held summer camps at Clemson, USC and Coker College

GSSM Foundations for the Future

- Research
 - ✓ Germany, South Korea, China and Australia
 - ✓ Clemson, USC, MIT, MUSC, Furman, Augusta University, USC-Aiken, College of Charleston and Southern University
 - ✓ Molecular biology, medical research, engineering, computer science, robotics, cyber security, nanoscience, ecology, psychology and economics

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Academic Highlights

- 1. Course offerings
 - a. 99 courses offered as semester or year-long courses
 - b. 50 STEM courses
 - c. 18 College Board approved AP courses
 - d. 23 courses for which an AP course is a pre requisite.
- 2. Recently added elective course offerings
 - a. Introduction to Organic and Biochemistry
 - b. Computational Physics
 - c. Quantitative Business Methods
 - d. International Economics
 - e. Econometrics Analysis
 - f. Shakespeare's Plays
 - g. African American Literature
 - h. AP Comparative Government
 - i. Native American History
 - j. Spanish Inquisition
 - k. Hispanic Caribbean Cultural Studies
 - 1. AP Music Theory
 - m. Latin
 - n. German
 - o. American Sign Language
 - p. Maintain Mandarin Chinese Foreign language
- 3. The course credit agreements with Clemson and the University of South Carolina remain strong and courses are added as appropriate.
- 4. Launchpad
 - a. Summer program for a targeted number of rising juniors admitted to GSSM has continued to provide introductions to English, Math and Chemistry labs as well as life as GSSM student outside of the classroom for two weeks prior to arriving in the fall.
 - b. Program helps students be more prepared to handle the rigors of the academic program at GSSM, especially in the areas of Math, English and Science labs.
 - c. Program also includes a transitional piece to help students adjust to living in a residential setting

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- 5. Accelerate Engineering Statewide Virtual/Blended Program for 10th, 11th & 12th Graders. Participants can earn up to 49 hours of college science, English, mathematics and engineering credits through Coker College in 2017-2018. For 2017-2018, Accelerate Engineering had 122 total students, up from 116 in 2016-2017.
 - Program Growth continues:
 - o 2017-2018: 122 students at 19 virtual sites around the state
 - o Adding three new sites in 2018-19
 - o Hired two new full-time and three part time instructors for 2018-2019
 - Summer Base Camp for new students in June at Coker College and Summer Camp at USC in July for rising juniors coordinated with the Electrical Engineering Department.
 - Saturday Experiences modified to give students more real world engineering exposure.
 Students visited business throughout the area including Cube Hydro, Cummins, Duke Energy and USPTO.
 - Two new SPRI programs were developed by Accelerate faculty. The programs were aimed at rising seniors. Program participants were from both the Accelerate and Residential Programs.
 - Bike to the Future: Examining Emerging Practices and Problems in Mobility and Infrastructure. Led by: Drs. António de Ridder-Vignone, Kathryn de Ridder-Vignone, & Elaine Parshall (GSSM)
 - Research in Materials Engineering, Biomaterials, and Materials Physics GSSM/SUBR Summer Program for Research Interns (SPRI). Faculty Advisors: Dr. Ershela Sims (GSSM) and Dr. Anthony Stewart (SUBR). Press release can be found here: GSSM Accelerate/SUBR SPRI.
- 6. Standardized test scores:

GSSM Students again led the State in ACT scores.

Center for Science Education and Outreach Highlights

Mission Statement for Outreach

The GSSM Center for Science Education & Outreach is a leader in the development and delivery of exemplary STEM educational experiences that are innovative and designed to improve and support the achievement of students and the professional growth of teachers across South Carolina. It serves as a resource of STEM educational opportunity for SC students and teachers.

The combined impact of state-wide summer camp attendants for the Center for Outreach and Academic year-round initiative was 4,575 for 2017-2018.

Center for Outreach Goals

- Developing students' understanding of the relationship between science, technology, engineering, mathematics, and society;
- Improving the problem-solving and reasoning skills of students;
- Providing opportunities for students and teachers to explore real-world applications of science, technology, engineering, and mathematics;
- Improving content knowledge and pedagogical content knowledge of science and mathematics teachers;

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- Encouraging students to explore careers and post-secondary majors in the areas of science, technology, engineering, and mathematics; and
- Encouraging students to consider GSSM as a STEM educational option.

GSSM Outreach is the source for increasing GSSM student involvement for the foreseeable future. The Center for Outreach endeavors are developed and delivered from the support of the State, SC businesses, and private foundations.

Student Research Programs: SPRI & RESP

145 GSSM students conducted their summer research under the supervision of 91 research groups located in 27 state, national and international sites. An additional 4 research placements were made for our 4 visiting international RESP scholars and 2 were made for GSSM Accelerate virtual engineering program, bringing the total number of research placements to 151 for 2018. A new SPRI partnership site and experience in bioengineering were added at Southern University in Louisiana. Five students participated in this experience.

The GSSM SPRI partnerships with the state's 3 research universities are very strong and continue to meet the needs for expanded opportunities. The percentage of research placements at Clemson, MUSC, and USC in 2018 was 63.2%.

The GSSM Research Experience Scholars Program (RESP), which is an international component of the summer research program, included 3 research sites in Germany (German Cancer Research Institute, Fraunhofer Institute for Experimental Software Engineering, and the German Institute for Artificial Intelligence) and 1 research site in Suwon, South Korea. In addition, a group of students participated in a science education research project and an economics research project in Shanghai, China. (China was added for student research.)

2017-2018 Academic Year (AY) Outreach Impact 4575 students/teacher supported:

The GSSM Center for Science Education directly engaged **76** teachers and **3,266** students in **55** diverse off-campus and on-campus STEM experiences during the academic year. An additional **1,309** middle school students were engaged in our summer academic STEM experiences. This brings the total impact during the academic year to **4,575** participants.

The number of Center for Outreach program delivery sites during the academic year including GSSM as a site was 55 sites. Including the summer satellite sites in the total sites for 2017-2018, the total was 70 sites (55 academic year and 15 summer). This figure does not include the number of research sites for summer research 2018.

In addition to the diverse off-campus and on-campus offerings, the Outreach Center delivers professional development to SC teachers and offers an online honors mathematics course. The 2017-2018 AY impact of these programs was as follows:

Portable Advanced STEM Exploration (PASE):

Professional development (PD) experiences for Pickens & Florence County science teachers were provided and 2 on-campus one-day professional development workshops for partner teachers were developed. The two one-day seminar experiences (76 teacher participants) were new this year and were offered to teachers who have participated in our PASE professional development program. Offering at least two one-day PD conferences each year is one of our strategies for expanding our statewide PD initiatives. In addition, well over 600 students statewide used our PASE equipment and curriculum during the academic year.

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Virtual Algebra II Honors Course 9th Grade:

The GSSM Virtual Algebra 2 Honors course was delivered to ninth grade students at Orangeburg-Wilkinson High School (OWHS) for a third year, and GSSM added Greenwood School District 50 as a partner this year. The goal of the GSSM Virtual Algebra II Honors course is to increase the number of who are prepared to take advanced mathematics courses and succeed in unique academic opportunities such as the GSSM Accelerate program or the GSSM residential program. The course sections were taught virtually by a GSSM Outreach Instructor using our virtual education technology and infrastructure, and the course featured unique on-site interactions between the instructor and students. These interactions included hands-on experiences using technology with TI-84 calculator analysis and real-world application of concepts discussed in the lecture portion of the course. **Thirty-four** students participated in the course this year. Students who participate continue to enroll in GSSM and the Accelerate engineering program.

Summer 2018 Center for Outreach Programs:

During summer 2018, **1,309** rising 6th, 7th, 8th, 9th and 10th grade students participated in one or more of GSSM's summer satellite and residential STEM camp experiences. The details are as follows:

GoSciTech Summer Residential Program

543 rising 8th, 9th, & 10th students participated in the GoSciTech summer program. These students represent **34** SC Counties.

iTEAMS Xtreme Next Generation Satellite Summer Camps

340 rising 6th,7th, & 8th grade students representing **over 150** schools participated in **9** academically challenging camps that featured curriculum designed to expose students to the world of microcontrollers (Arduino technology) and coding. The camps were delivered in **9** SC counties.

CREATEng Satellite Summer Camps

203 rising 8th & 9th grade students representing **over 80** schools participated in our interactive and academically challenging engineering camp. The **6** camps were offered in **6** SC counties. Each camp featured an *Engineering in Action*, component, which was a visit to one of SC industries and interaction with professional engineers.

Below are several quotes from students who participated in GoSciTech, iTEAMS, CREATEng, or Accelerate and quotes from some camp instructors. These quotes provide an indication of the impact the STEM experiences are having on young students.

iTEAMS:

- "My favorite thing that happened at the end of this camp was when we had a really shy student who didn't talk often, unless it was with his partner, and when his mom came to see what he accomplished he went through his entire workbook and rebuilt the activities we did in class. He explained it all to her and really showed how much he learned and cared about the camp. It was really heartwarming to watch him get so excited and review what he learned passionately."
- "I think it was a great camp, I learned stuff I would never learn outside of this camp. Now I have something I can brag and tell people about when they ask me about my experience with technology. Thanks for allowing me to attend this camp with two great teachers."

CREATEng:

• "There were lots of aha moments but the one I remember particularly well was with the green energy project. Student started to realize what would make the wind turbine turn at a faster rate and therefore exerting the most energy. After explaining the difference of gear sizes and how it relates to mechanics, the students really understood why the outputs were so different.

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- "Going on the field trip [was my favorite part] because it helped me learn a lot about engineering in a professional work space."
- "My favorite part of CREATEng experience was learning about different types of engineering work fields because it gave me more options for the future."

GoSciTech:

- "I liked being exposed to new activities, like organism dissections and brain experiments. I loved how excited my teacher was to teach Neuroscience and the helpful handouts she gave us. The classroom environment was very relaxed and fun to learn things in..."
- "There are so many things I loved about this experience, but the thing I loved most was meeting so many COOL and AMAZING friends! Everyone is so loving and the people here are so talented! I've never been surrounded with this many people like me before. Our astrobiology class became a group and we love each other so much!"

Accelerate:

• "I learned multiple vital laboratory and research skills during this trip, from formulating scientifically strong experiments to safely handling hazardous materials. I definitely have interest in doing research as an undergrad. I'm also very excited to conduct research as a graduate student. I learned a lot on this trip."

Student Development

Athletics

- Hugh O'Connor became GSSM's Director of Athletics in 2017 2018. We will continue to contract his services through the Hartsville YMCA for the upcoming academic year.
- Our Cross Country team and Boys' Soccer team won Class A State Championships for 2017 2018.
- Our students won individual State Championships in Boys' 800 meters, 1600 meters, 3200 meters, 4x800 meter relay, and Girls' 100 meter hurdles, 4x800 meter relay, and long jump.
- Our Cross Country and Volleyball coaches were selected as region coaches of the year.
- GSSM took region championships in Boys' Cross Country, Girls' Soccer, and Boys' Soccer.
- Several of our students were recognized for their individual achievements in swimming, cross country, track and field, and girls' tennis. Three student athletes were named to All State teams.
- Other notable achievements included branding athletics with departmental merchandise, developing training materials for all coaches, and systems for greater accountability.

Campus Life

- The inaugural year of the House System was successful. The majority of rising seniors elected to stay in their same house (floor) next school year. Although the measures are anecdotal, the goals of building a more engaged community and increasing school pride were met.
- The House Captains, under the direction of the Director of Campus Life, launched a Campus Life Student Satisfaction Survey to examine satisfaction on the floors. Based on the feedback, the residence life coordinators developed and implemented plans to increase student-staff engagement.
- After reviewing the survey data, members of the House leadership conducted focus groups to gain a deeper understanding of the data gleaned from the survey.

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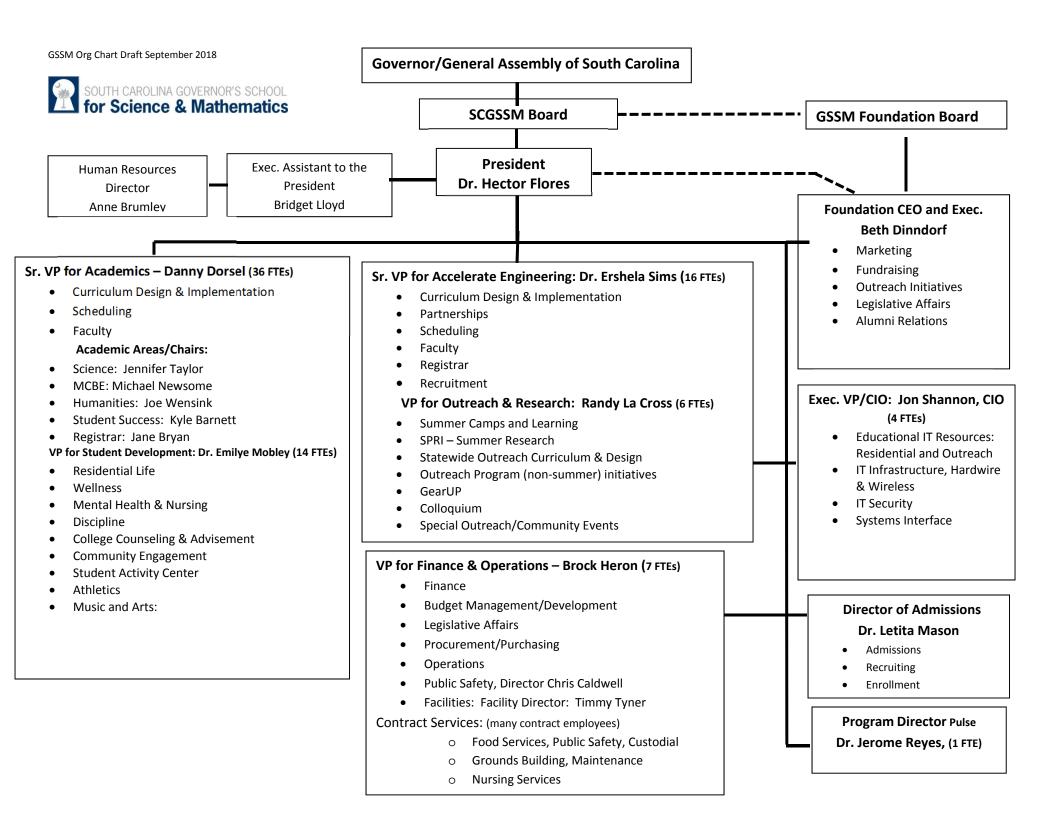
Student Engagement

- The department introduced several new organizations: NAACP, NSBE, Speech Club, and the Microgravity and Programming Club. Other standing organizations increased their visibility and fund raising efforts making contributions to the Pee Dee Math, Science and Technology Academy and the Harriet Hancock Shelter. The National Honor Society held several blood drives, and the Beta Club attended their state convention for the second year with the support of the office.
- Student art work was featured in several libraries and museums around the state, and students continue to thrive using their creativity to help balance their GSSM experience.
- A leadership workshop was hosted for the Ambassadors, Natural Helpers, and Student Council scheduled to serve for the 2018-19 school year. A part of their work was to determine seven pillars for student leadership at GSSM. The pillars are accountability, approachability, credibility, empathy, initiative, integrity, and respect.
- Collectively, students engaged in more than 14,000 hours of service through the Community Engagement program.
- Student council provided the leadership for a fund raising event for one of our students diagnosed with a severe illness.

Risk Assessment and Mitigation Strategies:

GSSM provides uniquely advanced education opportunities in multiple settings to highly capable students around the state. Our goals and objectives should enhance quality, availability, and access statewide. Failure to meet these goals would mean that the school is not providing top-tier education, that its programs are not available in areas where students who need them, or that where they are available, they are not equally accessible to all students.

Thanks to historically strong support from the state legislature, private partnerships, and an active community of parents and alumni, the school is well-positioned to achieve its goals with excellence. Continued support of our programs, especially the growth of our Outreach initiatives, is key to our ability to identify and nurture talented students to lead the state's knowledge economy.



Strategic Planning and Performance Measurement Template

Statewide Enterprise Strategic Objective	Туре	<u>Item#</u> Goal Strategy Measure	Description		017-18 arget		Data Source and Availability	Calculation Method	Meaningful Use of Measure
Education, Training, and Human Development	G	1	Provide the best advanced education for S.C.'s most selective students	5,000	u.800				
	S	1.1	Provide the best credentialed and most experienced teachers in all subjects						
	М	1.1.1	Hire teachers with minimum Master's degrees, PhD's preferred in their areas - appropriate to full-capacity growth of student body.	100%	100%	100% July 1 - June 30	Human Resources	% of Masters'+PhD/Faculty	Ensures that all faculty meets minimal educational requirements
	М	1.1.2	Maintain low student to teacher ratio	9:1	9:1	9:1 July 1 - June 30	School Records	Students/Teachers	Promotes opportunities for students to have access to faculty to strengthen the learning process
	М	1.1.3	100% of GSSM grads admitted undergraduate school	100%	100%	100% January-June	College Counseling	Number of students admitted to undergraduate school	Promotes assurance that all GSSM graduates will be admitted to undergraduate schools
	S	1.2	Continually advance curriculum offerings in the residential, virtual and outreach programs						
	М	1.2.1	Identify and attract larger pools of talented students to reach through virtual and outreach programs	102	125	122 August - May	GSSM Outreach/Accelerate	Number of virtual/outreach students	Provides the opportunity to reach more school districts and students with GSSM courses
	М	1.2.2	Continue to enhance engineering offerings in residential program at GSSM	4	5	5 August - May	GSSM Residential	Number of engineering courses in residential program	Promotes variety and number of engineering courses offered in the residential program
	М	1.2.3	Continue to enhance engineering offerings in virtual program at GSSM	5	7	7 August - May	GSSM Outreach/Accelerate	Number of engineering courses in virtual program	Promotes variety and number of engineering courses offered virtually
	S	1.3	Provide a safe and supportive teaching environment with technology						
	M	1.3.1	Schedule campus teaching spaces with zero teaching downtime for facility repair	0%	0%	0% July 1 - June 30	School Records	% of instructional time stopped due to facility issues	Ensures that classroom instruction time is maximized with no interruptions
	М	1.3.2	Upgrade IT networks and in-classroom/lab IT to support instruction	88%	100%	88% July 1 - June 30	School Records	% of technology equipment and infrastructure within its useful life	Ensures that the technology equipment and infrastructure supports the needs of the current curriculum
Education, Training, and Human Development	G	2	Operate a residential campus supportive of students in activities, character development and safety						can ene can loaian
	S	2.1	Conduct Extracurricular Programs appropriate to an academically-focused residential high school						
	М	2.1.1	Create athletic teams supportive of student interests and abilities	55%	60%	64% August - May	GSSM Residential	in SCHSL athletics	Provides opportunities for residential students in interscholastic sports
	M	2.1.2	Create clubs and organizations supportive of student interests and abilities	95%	95%	95% August - May	GSSM Residential	% of students involved in clubs and organizations	Provides opportunities for residential students outside the regular curriculum
	S	2.2	Create arts and music programs supporting students interests and talents					organizations	stadents outside the regular carriedium
	М	2.2.1	Maintain specialized art and music instructors to foster student development in art & music	2	2	2 August - May	Human Resources	Number of teachers for art and music	Provides school's ability to offer a diverse curriculum
	S	2.3	Ensure physical and mental health of students						
	М	2.3.1	Provide mental health professional at doctoral level to assess student body via individuals at improving emotional quotient awareness	1	1	1 July 1 - June 30	Health Services	Number of mental health professional with a PhD/MD	Promotes mental health and fitness for our students in a challenging educational environment
	М	2.3.2	Provide extensive qualified nursing services to include medication management	14	14	14 August - May	Health Services	Number of nurses both employed and contracted	Promotes healthy students to maximize the learning experience
Education, Training, and Human Development	G	3	Lead in the development and delivery of statewide academic opportunities that support and improve achievement via GSSM Research and	Outreach Center	programs an	d initiatives			
	S	3.1	Enhance GSSM's advanced research program opportunities for residential and Accelerate students						
	М	3.1.1	Increase diverse research opportunities at state, national and international universities and/or industrial sites	30	30	30 Summer	GSSM Residential	Number of research sites	Promotes changes in the number and locations of sites available for our residential students
	М	3.1.2	Provide research opportunities for virtual students	0	2	2 Summer	GSSM Outreach/Accelerate	Number of opportunities for virtual students to participate in research	Promotes greater research opportunities for our students in the Accelerate Program
	S	3.2	Enhance and expand high-quality statewide academic programs developed and delivered by the GSSM Outreach Center						
	М	3.2.1	Increase programs targeted to specific age and demographic groups	5	5	5 July 1 - June 30	GSSM Outreach/Accelerate	Number of programs offered in the Outreach programs	Promotes greater, more diverse programs provided by GSSM to an expanded population of students
	М	3.2.2	Increase Outreach partners, both at schools & districts, and with business partners.	34	55	70 July 1 - June 30	GSSM Outreach/Accelerate	Number of sites available for the Outreach program	Promotes a greater, more diverse population of students access to GSSM
	М	3.2.3	Continue to grow Accelerate Engineering Statewide program	15	19	19 August - May	GSSM Outreach/Accelerate	Number of sites participating for the Accelerate Engineering Program	Promotes growth of Accelerate Engineering Program throughout the state

Agency Name: GOVERNOR'S SCHOOL FOR SCIENCE AND MATHEMATICS

Agency Code: H650 Section: 1

Strategic Planning and Performance Measurement Template

								Strategic Planning and	Periormance Measurement Template
Statewide Enterprise Strategic Objective	Туре	Goal Strate	m# egy Measure	Description	2018-19 Base Target Actual	Time Applicable	Data Source and Availability	Calculation Method	Meaningful Use of Measure
Education, Training, and Human Development	G	1		Provide the best advanced education for S.C.'s most selective students					
	S		1.1	Provide the best credentialed and most experienced teachers in all subjects					
	М		1.1.1	Hire teachers with minimum Master's degrees, PhD's preferred in their areas - appropriate to full-capacity growth of student body.	100%	July 1 - June 30	Human Resources	% of Masters'/PhD/Faculty	Provides measurement of credentials
	М		1.1.2	Maintain low student to teacher ratio	9:1	July 1 - June 30	School Records	Students/Teachers	Prevents class overloads
	М		1.1.3	100% of GSSM grads admitted undergraduate school	100%	January-June	College Counseling	Number of students admitted to undergraduate school	Provides success rate of students admitted to colleges and universities
	S		1.2	Continually advance curriculum offerings in the residential, virtual and outreach programs					
	М		1.2.1	Indentify and attract larger pools of talented students to reach through virtual and outreach programs	122				
	M		1.2.2	Continue to enhance Engineering offerings in residential program at GSSM	5				
	M		1.2.3	Continue to enhance Engineering offerings in virtual program at GSSM	7				
	S		1.3	Provide a safe and supportive teaching environment with technology					
	М		1.3.1	Schedule campus teaching spaces with zero teaching downtime for facility repair	0%	July 1 - June 30	School Records	% of instructional time stopped due to facility issues	Provides the amount of useful time in the classroom
	M		1.3.2	Upgrade IT networks and in-classroom/lab IT to support instruction	88%				
Education, Training, and Human Development	G	2		Operate a residential campus supportive of students in activities, character development and safety					
	S		2.1	Conduct Extracurricular Programs appropriate to an academically-focused residential high school					
	M		2.1.1	Create athletic teams supportive of student interests and abilities	64%				
	M		2.1.2	Create clubs and organizations supportive of student interests and abilities	95%				
	S		2.2	Create arts and music programs supporting students interests and talents					
	М		2.2.1	Maintain specialized art and music instructors to foster student development in art & music	2	August - May	Human Resources	Number of teachers for art and music	Provides school's ability to offer a diversified curriculum
	S		2.3	Ensure physical and mental health of students					
	М		2.3.1	Provide mental health professional at doctoral level to assess student body via individuals at improving emotional quotient awareness	1	July 1 - June 30	Health Services	Number of mental health professionals with a PhD/MD	Provides qualified staff for mental health and fitness
	М		2.3.2	Provide extensive qualified nursing services to include medication management	14	August - May	Health Services	Number of shifts providing health care	Provides school's ability to offer health services
Education, Training, and Human Development	G	3		Lead in the development and delivery of statewide academic opportunities that support and improve achievement via GSSM	Research and Outreach Center pro	grams and initiative	·S		
	S		3.1	Enhance GSSM's advanced research program opportunities for residential students					
	М		3.1.1	Increase diverse research opportunities at state, national and international universities and/or industrial sites	30	Summer	Accelerate Program	Number of research sites	Provides number of sites available for virtual students
	M		3.1.2	Provide research opportunities for virtual students	2	Summer	Accelerate Program	Number of virtual students participating in research	Provides number of sites available for virtual students
	S		3.2	Enhance and expand high-quality statewide academic programs developed and delivered by the GSSM Outreach Center					
	М		3.2.1	Increase programs targeted to specific age and demographic groups	5	July 1 - June 30	Accelerate Program	Number of students participating in virtual classes	Provides number of students participating in virtual classes
	М		3.2.2	Increase Outreach partners, both at schools & districts, and with business partners.	70	July 1 - June 30	Accelerate Program	Number of school districts	Provides number of school district participating in virtual classes
	М		3.2.3	Continue to grow Accelerate Engineering Statewide program	19	August - May	GSSM Outreach/Accelerate	Number of sites participating for the Accelerate Engineering Program	Promotes growth of Accelerate Engineering Program throughout the state

Fiscal Year 2017-2018 Accountability Report

Agency Name:	GOVERNOR'S SCHOOL FOR SC	ENCE AND MATHEN	MATICS
Agency Code:	H650	Section:	001

Program Template

D /T'.	2	F	Y 2017-18 Expe	nditu	res (Actual)			FY 20.	18-19 Expenditu	ıres (Projected)		Anna and An
Program/Title	Purpose	General	Other		Federal	TOTAL	General		Other	Federal		TOTAL	Associated Measure(s)
I. Academics	Provide the highest quality instruction to S.C.'s best/most motivated High School students	\$ 5,013,864 \$	82,029	\$	-	\$ 5,095,893	\$ 5,089,490	\$	82,029		\$	5,171,519	1.1.1,1.1.2,1.1.3;1.2.1,1.2.2;1.2.3;1. 3.1,1.3.2;2.2.1;3.1.1;3.2.3
II. Life In Residence	Support the 24/7 residential campus and development in all areas outside of the classroom	\$ 3,210,191 \$	153,022	\$	-	\$ 3,363,213	\$ 3,264,210	\$	153,022		\$	3,417,232	1.3.2;2.1.1,2.1.2;2.2.1;2.3.1,2.3.2;3. 1.1
III. Support Admin Services	Allow functional areas to focus and achieve - Complete State Reports & Requirements	\$ 568,932		\$	-	\$ 568,932	\$ 579,736	\$	-		\$	579,736	1.3.1,1.3.2
IV. Statewide Outreach	Improve and support academic achievement across the entire state, elementary through high school and improve prospects for universities and businesses in SC. Expand Statewide Accelerate Engineering Program for 10th, 11th, and 12th graders.	\$ 3,740,090 \$	511,449	\$	-	\$ 4,251,539	\$ 3,815,717	\$	511,449		\$	4,327,166	1.2.1,1.2.3;3.1.1;3.1.2;3.2.1;3.2.2,3. 2.3
		\$ 12,533,077 \$	746,500	\$	-	\$ 13,279,577	\$ 12,749,154	\$	746,500 \$	-	\$	13,495,654	

7	Proviso 1A.4	State	(SDF-EIA: Teacher Salaries/State Agencies) Each state agency which does not contain a school district but has instructional personnel shall receive an appropriation as recommended by the Education Oversight Committee and funded by the General Assembly for teacher salaries based on the following formula: Each state agency shall receive such funds as are necessary to adjust the pay of all instructional personnel to the appropriate salary provided by the salary schedules of the school district in which the agency is located. Instructional personnel may include all positions which would be eligible for EIA supplements in a public school district, and may at the discretion of the state agency, be defined to cover curriculum development specialists, educational testing psychologists, psychological and guidance counselors, and principals. The twelve-month agricultural teachers located at Clemson University are to be included in this allocation of funds for base salary increases. The South Carolina Governor's School for the Arts and Humanities and the South Carolina Governor's School for Science and Mathematics are authorized to increase the salaries of instructional personnel by an amount equal to the percentage increase given by the School District in which they are both
8	Proviso 117.15	State	117.16. (GP: Allowance for Residences & Compensation Restrictions) That salaries paid to officers and employees of the State, including its several boards, commissions, and institutions shall be in full for all services rendered, and no perquisites of office or of employment shall be allowed in addition thereto, but such perquisites, commodities, services or other benefits shall be charged for at the prevailing local value and without the purpose or effect of increasing the compensation of said officer or employee. The charge for these items may be payroll deducted at the discretion of the Comptroller General or the chief financial officer at each agency maintaining its own payroll system. This shall not apply to the Governor's Mansion, nor to guards at any of the state's penal institutions and nurses and attendants at the Department of Disabilities and Special FY 2018-19 Proviso Needs, and registered nurses providing clinical care at the MUSC Medical Center, nor to the No which one or more agency Superintendent and staff of John de la Howe School, nor to the cottage parents and staff off Will Lou Gray Opportunity School, nor to full-time or part-time staff who work after regular working hours in the SLED Communications Center or Maintenance Area, nor to adult staff at the Governor's School for Science and Mathematics and the Governor's School for Arts and Humanities who are required to stay on campus by the institution because of job requirements or program participation. Any state institution of higher learning may provide complimentary membership privileges to employees who work at their wellness centers. The presidents of those state institutions of higher learning authorized to provide on-campus residential facilities for students may be permitted to occupy residences on the grounds of such institutions without charges.
9	Proviso 117.46	State	117.50. (GP: Facility Rental Fee) The Governor's School for the Arts and Humanities, Governor's School for Science and Mathematics, Wil Lou Gray Opportunity School, and John de la Howe School are authorized to charge, collect, expend and carry forward fees charged for facility and equipment rental and registration No But relates to sources of funding for one or more agency deliverables

Agency Code:	H650 Section	n: 1		Accountability Report
Divisions or Major Programs	Description	Service/Product Provided to Customers	Customer Segments	Customer Template <u>Specify only for the following Segments:</u> (1) <u>Industry:</u> Name; (2) <u>Professional Organization:</u> Name; (3) <u>Public:</u> Demographics.
Academics	Advanced Curriculum and Training	Advanced Educational Programs	School Districts	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			Professional Organization	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			General Public	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
Life in Residence	Provide Residential Environment for Well- being and development of students staying campus	on-Provide Residential Environment for Wellbeing and development	General Public	General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			School Districts	General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			Professional Organization	General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
Outreach	Statewide Educational Programs for studer and Teachers, to include Engineering, Sum Camps, 9th grade Algebra II, Professional Development for Teachers and Distance Education in Advanced Courses.		School Districts	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			Professional Organization	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.
			School Districts	Partner Industries include Boeing, Google, BMW, Sonoco Products company and many others. Professional Organizations include: All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations. Public (Demographics): General Public and subsections to include families with school-age children appropriate for GSSM program Participation.

Agency Name:

GOVERNOR'S SCHOOL FOR SCIENCE AND MATHEMATICS

Administration	Meet Reporting and Stewardship Needs	Meet Reporting and Stewardship Needs	Executive Branch/State Agencies	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations
			Legislative Branch	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations
			School Districts	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations
			General Public	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations
			Industry	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations
			Professional Organization	All Higher Educational Partners (USC, Clemson, S.C. State, Citadel, College of Charleston, MUSC, etc.), plus Federal Dept. of Education, Science, Math, Humanities and other Teacher Organizations

Fiscal Year 2017-2018
Accountability Report

Agency Name: GOVERNOR'S SCHOOL FOR SCIENCE AND MATHEMATICS Agency Code: Section: H650 001

			Partner Template
Name of Partner Entity	Type of Partner Entity	Description of Partnership	Associated Goal(s)
Clemson University	Higher Education Institute	Teach Engineering Statewide to 10th, 11th, and 12th graders in GSSM's Accelerate Engineering Program. Course equivalency agreements for course credit. Summer Advanced Research placements of GSSM students on campus and with University Scientists	1.2.3;3.1.1;3.1.2;3.2.1;3.2.2
University of South Carolina	Higher Education Institute	Course equivalency agreements for course credit. Summer Advanced Research placements of GSSM students on campus and with University Scientists	1.2.3;3.1.1;3.1.2;3.2.1;3.2.2
School Districts in South Carolina	K-12 Education Institute	Provide Teacher Training and Outreach Programs for teachers and students. Recruit and partner on educational Initiatives	3.1.2;3.2.1,3.2.2
MUSC	Higher Education Institute	Summer Advanced Research placements of GSSM students on campus and with University Scientists	3.1.1;3.1.2
S.C. State	Higher Education Institute	Summer Advanced Research placements of GSSM students on campus and with University Scientists. Teacher Training and Engineering partnerships	
College of Charleston	Higher Education Institute	Summer Advanced Research placements of GSSM students on campus and with University Scientists	3.1.1;3.1.2
S.C. Middle Schools	K-12 Education Institute	Provide Teacher Training and Outreach Programs for teachers and students. Recruit and partner on educational Initiatives	3.1.2;3.2.1,3.2.2
S.C. Elementary Schools	K-12 Education Institute	Provide Teacher Training and Outreach Programs for teachers and students. Recruit and partner on educational Initiatives	3.1.2;3.2.1,3.2.2
Business/Industry Partnerships	Private Business Organization	Outreach and Residential efforts and support to include Accelerate Engineering, Economics and Finance, Mandarin Chinese Foreign Language Instruction and many others	3.1.2;3.2.1,3.2.2

Fiscal	Year	201	7-2018
Accou	ntabi	ility I	Report

Report and External Review Template

Agency Name:	GOVERNOR'S SCHOOL FOR SCIENCE AND MATHEMATICS						
Agency Code:	H650	Section:	001				

Item	Is this a Report, Review, or both?	Report or Review Name	Name of Entity Requesting the Report or Conducting Review	Type of Entity	Reporting Frequency	Current Fiscal Year: Submission Date or Review Timeline (MM/DD/YYYY)	Summary of Information Requested in the Report or Reviewed	Method to Access the Report or Information from the Review
1	External Review and Report	Annual State Audit	State Auditor's Office	State	Annually	August - October	Policies and Procedures review, Variances in Line Items, Justifications	Posted on Requesting Agency Website or via direct request
2	External Review and Report	State Budget Request	Executive Budget Office	State	Annually	2nd Quarter	Budget Priorities and Justifications	Posted on Requesting Agency Website or via direct request
3	External Review and Report	S.C. School Report Card	Education Oversight Committee	State	Annually	August - October	Benchmarks and metrics in comparison to public schools	Posted on Requesting Agency Website or via direct request
4	External Review and Report	State Human Affairs Commission Report to the General Assembly	S.C. Human Affairs Commission	State	Annually	2nd Quarter	Hiring and Minority Employment Assessment	Posted on Requesting Agency Website or via direct request
5	Internal Review and Report	SC Governor's School for Science and Mathematics Annual Budget	Board of Trustees	State	Annually	June	Budget Priorities and Justifications - For Approval	Available via Direct Request