

**STONEHAM CENTRAL MIDDLE SCHOOL
SCHOOL IMPROVEMENT PLAN
2019-2020**

COUNCIL MEMBERS:

Mrs. Lisa Bosque- Hamilton, Parent

Mrs. Melissa Powers, Parent

Mrs. Megan Day, Parent

Maureen Soley, Community Representative

Patrick Gahan, Teacher

Anna Ganick, Teacher

Lisa Verrocchi, Teacher

Sandra Fulmer, Assistant Principal

Christopher Banos, Principal

The Stoneham Middle School Improvement Plan provides a set of detailed objectives for staff, teachers, and administrators to support students in meeting state standards as measured on MCAS performance. The goal is to improve learning and teaching through data analysis. Professional development in the areas of differentiated instruction, technology, and ELL are critical components in the process of educating all students.

Accomplished 2018-2019

- Piloted a check-in program with sixth graders. The students use their Chromebooks to answer a series of five questions regarding how they are feeling. Students answer these questions on a scale from one to five.
- Piloted an activity program in grades six and seven. Staff would choose an activity they were interested in running and students would sign up. This program creates a connection between staff and students.
- Hosting an NHD statewide event.
- The library is open after school until 3:35PM (adult on duty/access to technology, etc.)
- Twelve eighth grade girls went to the WISE (Women in Science and Engineering) conference at Salem State University. WISE introduced middle school girls from the North Shore and surrounding areas to professions that require a background in science, engineering and mathematics.
- Raised and donated money to the American Breast Cancer Foundation.
- Continued our three season intramural program.
- Robotics club competed in at the VEX Robotics Competition at North Andover High School
- Continued the Gardening Club.
- Continued an after school Video Explorers Club in conjunction with Stoneham TV.
- Our foreign language students celebrated National Foreign Language Week.
- The Junior Great Books program continues to attract voracious readers.
- The Math Team had much success at several meets finishing higher than some local schools including Reading and Austin Prep.
- Third year for our teacher and student talent show.
- Seventh year of the student-teacher hockey game which raised over \$1500 dollars to help the families of middle school students who are facing hardships.
- Ninth year of “March Madness” student- teacher basketball game. Over forty eighth grade students participated.
- Students delivered over 100 cases of food to the local food pantry.
- The Drama Program continues to grow through a grant by SBCEF and MELD. The students performed “Honk”.
- The PTO funded the following enrichment programs:
 1. Grade five field trip to the Museum of Science’s OMNI Theatre to watch a show on a Lewis and Clarke and a visit to the State House.
 2. Grade seven went on a field trip to the Northeastern University Oceanography Institute located in Nahant Mass.
 3. Grade six field trip to the Museum of Science.
 4. Grade eight field trip to the Moakley Courthouse and the Museum of Science where students explored the hazards of vaping.
 5. Continued Shakespeare Now! Romeo and Juliet performance for grade eight students.

- Chorus continue to thrive featured middle school vocal and instrumental ensembles. The winter concert was *Disney* and the spring Concert for the Chorus was the *Wonderful Wizard of Oz*.
- The Band and chorus have grown we now have them perform on separate nights.
- The Stoneham Alliance Against Violence sponsored Deanna's Educational Theatre who performed the play *Bus Stop* for our fifth grade students. *Bus Stop* is an interactive play that addresses bullying and cyberbullying. The performance was well received by students and staff.
- No First Time the Evan G. Foundation presented to our seventh and eighth graders. The No First Time 45 minute presentation and 15-minute question and answer period are designed to educate young people on the danger of experimenting with drugs and engaging in risky behavior.
- Students participated in a Community Wide Unplugged Event organized by the Stoneham Alliance Against Violence in which they took a break from their electronic devices and spent more quality time connecting with themselves, their loved ones, and the community.

Curriculum and Student Achievement

- New math program grades five through eight.
- Transitioned and adopted to 1:1 school; all students are assigned a CHROMEBOOK.
- For the seventh year in a row recognized as a Level One school.
- Very successful on the MCAS test improved in all areas. Higher than the state average in most areas.
- Very respectable results from state survey given at the end of MCAS regarding school climate. Higher than the state average in 90% of the categories. The statistics reflect that Central Middle School promotes a welcoming environment fostering a culture of inclusiveness and student achievement.
- SCMS is the recipient of the distinguished PLTW Gateway School recognition award. Only 110 schools across the country received this honor.
- Extended our STEM Summer Camp this year from one to two weeks.
- Competing in a Robotics tournament.
- *Hosted a STEM fair with members of the community presenting career paths in Science and Technology to grade eight students.*
- Successfully incorporated Math Skills and English Skills into the grade five curriculum.
- STEM - Sixth graders explored how to detect magnetic force fields on distant planets by creating magnetometers. They also looked into the bridge structures of Boston and recreated bridge designs with stronger support. Winning design teams presented their solutions to industry partners at our annual STEM Fair.
- STEM - Seventh graders had the opportunity to showcase their design and modeling project: Cerebral Palsy Therapeutic Toy Design to industry leaders at Boston Children's Hospital in the spring. The event was hosted by MASS-STEM Hub and the One8 Foundation. Governor Baker came to show his support and meet with our students.
- STEM – Seventh graders also collaborated with Massachusetts Maritime Academy and their STEM curriculum. Some collaborations include; sending a 3D print medal for maritime students to wear and photograph on their voyage; completing a questionnaire for the Marine and Marine Transportation Engineers; and following their one-week curriculum of "Tool of the Day" during their voyage.

- STEM Students from the [Project Lead The Way](#) Automation & Robotics class at Stoneham Central Middle School were featured at the [Mass STEM Hub](#) Pull Toy Showcase, which took place on April 26th at Peabody Essex Museum (PEM).
Over 100 students from schools across Massachusetts – including Stoneham Central Middle - showcased their STEM projects to industry professionals and PEM staff to discuss their work and receive authentic feedback. I am especially excited to share that **a group of students from Stoneham Central Middle School won the Innovation Award for their outstanding work!**
- Physical Education all year for grade five.
- Added band and chorus to the Fine Arts schedule.
- Piloted National History Day Curriculum in grade seven.
- Piloted Micro-Entrepreneur lesson in grade six social studies.
- Continued Galileo testing program for grades five through eight math.
- Continued with the Homework Club.
- Revised technology curriculum to provide students a computer-programming course in grades five through eight.
- Provided professional development training to STEM teachers and technology teachers.
- Developed Individual Student Success Plans for all students on warning status in ELA and/or Math MCAS.
- Administered mid-term assessments in all math and science classes.
- Continued with a standards-based curriculum in grade eight Spanish.
- Star Students are recognized monthly.
- The guidance department met with all the fifth graders upon entering the SCMS. The guidance counselors presented a presentation called, “Ideas for Success at CMS”. The first few slides displayed pictures of the faculty, specifically the principal, assistant principal, secretaries, custodians, school nurse, school adjustment counselor, and school guidance counselors. After the photo quiz, the guidance counselors went through a few slides that specified key points regarding how to get the most out of middle school.
- Students who attained straight A’s were recognized at each lunch with a letter from the administrative team.
- The guidance department met with all seventh graders about the dangers of cyber bullying.
- Stoneham High School Peer Leaders continued journaling with all seventh grade English students.
- Worked with program supervisors and grade five teachers to implement a set schedule for students and teachers in order to strengthen the curriculum.
- Provided common planning time for grade five teachers to collaborate.

Foreign Language Italian/Spanish 2018-2019 Accomplishments

- Introduced FLIP GRID in grade eight, a video making app for student engagement and formative assessment. FLIP GRID helps students to communicate verbally, effectively, and creatively in the target language
- Officially introducing Interactive Notebook (IN) in grade six Foreign Language classes (in Italian, French, and Spanish). IN accommodates students with different learning styles thus allowing students to have ownership of their learning process. IN helps students stay organized. It also helps students build a portfolio allowing them and the teacher to track growth over time.

- Expanding the use of Flip Grid to grade seven Italian and Spanish
- Three eighth grade French students won prizes for their entries to a poetry contest sponsored by AATF.

School Home Communication

- Continued with monthly newsletter sent to parents.
- Updated the school website.
- More staff and teams creating websites for parents to access.
- Held an Orientation Night for fourth grade parents including a question/answer session.
- Held an Orientation Breakfast for fourth grade special education parents.
- Introduced the Power School Portal to the school community.
- Updated traffic plan to create a better traffic flow and safer drop off and pickup for students.
- Continue to create a school culture where parents are encouraged to contact the school with any concerns or comments they have.
- Many teachers utilize Google classrooms for parents to access.

Goal 1: Throughout the 19-20 school year we work to increase success of struggling students with the support of district and school administrators, school counselors and teachers to identify students not reaching their potential and create an plan to offer students support and resources that will encourage students to reach their potential.

<u>RELATED DISTRICT GOAL</u>	<u>ACTION PLAN</u>	<u>ASSIGNED RESPONSIBILITY</u>	<u>DESIRED OUTCOMES</u>
<u>Curriculum, Instruction and Assessment</u> <u>-Human Resources and Professional Development</u>	<u>By November, identify students in need of alternate resources because they are not reaching their potential and create a plan to offer students the support and resources that will encourage them to be successful.</u> <u>- Bu January, create a series of appropriate, alternative choices of educational programming for students.</u> <u>- By January, involve staff and students' families in the design process.</u>	<u>Principal</u> <u>- Student Support Team</u> <u>- Job Coach</u> <u>- Parents/Guardians</u>	<u>Improve the educational experience of students and increase their self-esteem academic success.</u> <u>- Increase student motivation and academic performance.</u> <u>- Offer families the opportunity to help in preparing a success plan for students.</u>

Goal 2: By June 2020, grade five through eight teachers will implement a 1:1 initiative across the curriculum using technical and instructional supports. As measured by meeting agendas, observations and feedback from staff.

<u>RELATED DISTRICT GOAL</u>	<u>ACTION PLAN</u>	<u>ASSIGNED RESPONSIBILITY</u>	<u>DESIRED OUTCOMES</u>
<p><u>Curriculum, Instruction and Assessment</u></p> <p><u>-Human Resources and Professional Development</u></p>	<p>Provide support for grade alike subject teachers to meet as well as teacher planning time with multi-grade levels.</p> <p>Provide professional development opportunities for staff to incorporate 1:1 devices into the curriculum.</p> <p>Provide the opportunity at faculty meetings for all staff to collaborate on Chromebook use in the classroom.</p>	<p><u>Principal</u></p> <ul style="list-style-type: none"> - <u>Program Supervisors</u> - <u>Technology Coach</u> - <u>District Administrators</u> 	<p><u>Improve the educational experience of students and increase the use of technology in the classroom.</u></p> <ul style="list-style-type: none"> - <u>Provide staff the opportunity to utilize technology to implement lessons and provide the students the platforms to develop skills to prepare them for the future.</u>

Goal 3: By June 2020, grade five through eight teachers will grade five through eight teachers will map out and develop strategies to engage all students. As measured by meeting agendas, related documents, agreed upon guidelines, teacher goals set forth in the evaluation process.

<u>RELATED DISTRICT GOAL</u>	<u>ACTION PLAN</u>	<u>ASSIGNED RESPONSIBILITY</u>	<u>DESIRED OUTCOMES</u>
<p>Goal One: Engaging all students</p> <p>Goal Three: School culture</p>	<p>Utilize faculty meetings to create time for discussion of engagement strategies to implement school wide with the goal of engaging all students.</p> <p>Incorporate through teacher evaluation and goal setting a methodology to assess engagement of all students.</p> <p>Provide professional development opportunities for staff to help them understand the social emotional needs of our students.</p> <p>Provide opportunities for our guidance staff to address student concerns with teachers.</p> <p>Create Peer Mentoring with older and younger students.</p>	<p><u>Principal</u></p> <p>- <u>Program Supervisors</u></p> <p>- <u>Guidance Department</u></p> <p><u>School Adjustment Counselors</u></p> <p><u>All Staff</u></p> <p><u>Students</u></p> <p>-</p>	<p><u>Improve the educational experience of students.</u></p> <p>- <u>Engage and motivate all students.</u></p> <p><u>Identify students who may need additional counseling supports or strategies.</u></p> <p><u>Identify students who could benefit from having a student mentor.</u></p>

Goal 4: Increase communication to the public as measured by outcomes , recommendations and action plan developed by the Community Outreach committee.

<u>RELATED DISTRICT GOAL</u>	<u>ACTION PLAN</u>	<u>ASSIGNED RESPONSIBILITY</u>	<u>DESIRED OUTCOMES</u>
<p>Goal Three: School Culture</p>	<p><u>By October create a committee to organize and develop a cohesive plan to enhance school home communication.</u></p> <p>- <u>By December implement plan.</u></p> <p>-</p>	<p><u>Principal</u></p> <p>- <u>Technology Coach</u></p> <p><u>Staff</u> <u>Students</u></p>	<p><u>Improve school home communication .</u></p> <p><u>Improve overall outreach to the community.</u></p>

