MARITIME ACADEMY CHARTER SCHOOL

2275 Bridge St

Schoolwide Title 1 School Plan | 2020 - 2021

MISSION STATEMENT

Maritime Academy Charter School (MACS) provides students in grades K through 12 (1 to 12 in 2020-21) a rigorous academic program with the special theme of maritime studies. MACS students work with the latest technology to learn maritime content such as nautical science and maritime business, while achieving at high standards in English, Mathematics, Science, Social Studies and the Arts.

VISION STATEMENT

The Maritime Academy Charter High School (MACS) is a chartered public school, located between the Schuylkill and Delaware Rivers in the great maritime city of Philadelphia. The school takes advantage of the flexibility of its charter status and the tremendous resources in the city to expose students to careers and branches of study related to intermodal transportation. Students learn through hands-on projects, interdisciplinary classrooms and computer-supported curricula in an atmosphere where every member of the school community is focused on supporting learning. The school community pursues the following principles to ensure a positive learning environment for all: · Shared responsibility and accountability; · Leadership and character development; · Encouragement and accommodation of diversity; and · Integrated learning opportunities for students. In order to keep classes and school size small and attention focused on the goals of each individual student, MACS is divided into two smaller administrative units- a lower school of grades K-8 (grades 1-8 in 2020-21), and a high school of grades 9-12. Each small learning community utilizes proven strategies and curricula to provide urban youth the support needed to accelerate learning and mastery of the Pennsylvania Academic Standards in all areas. Students' goals and progress are organized, documented and assessed using an individual learning plan, developed jointly with parents and teachers. The learning plan begins with a baseline assessment at the student’s entry to the school, and focuses on achieving the School’s rigorous standards. MACS uses advanced computing technology where possible to connect students with the latest educational tools to develop students’ skills in: using technology in the workplace, using computers for learning, using computers for research, using maritime-specific technologies for navigation, communication, and developing and marketing their ideas. This is accomplished by working closely with education partners and community partners and drawing on their expertise in the area of using computers for learning and for work. The School’s ultimate goal is to have all students possess the knowledge and skills to lead productive, successful lives after high school, and possess the

attitudes and habits necessary to be fully engaged contributors to their communities.

EDUCATIONAL VALUE STATEMENTS

STUDENTS

At MACS, we believe that all of our students can learn and achieve at high academic levels, because they are provided with high quality learning tools and curricula, sufficient time to master essential knowledge and skills at the appropriate grade levels, and support and accommodations needed to tailor their learning opportunities to their particular needs, abilities and disabilities. In order to achieve these lofty goals with our students, we expect them to make a commitment to continually challenge themselves academically, and to fully participate in their education at all times.

STAFF

The staff members, including all teachers, administrators and support staff, will be focused on implementing our mission of providing a nurturing educational environment to all students. The staff will continually assess the needs of the school's students by getting to know their aspirations, interests, strengths and challenges and monitoring their progress and well-being using a variety of developmental benchmarks. In order to fully serve the students of the school so that they are all able to thrive and grow personally and academically, the staff will also continually assess and monitor their own skills and achievements in relation to the needs of the students, and seek and obtain professional learning opportunities that help them to grow and develop as professionals.

ADMINISTRATION

Administration team members serve the dual purpose of ensuring that the goals of the state, federal and local governments with regard to providing a full and fair public education to all students is implemented strongly and with fidelity to all applicable laws, and ensuring that all students who enroll in the school are provided with all of the high quality services to which they are entitled as a public school student in the Commonwealth of Pennsylvania. in order to accomplish this, the administration will recruit and hire a highly qualified teaching staff, a talented support staff and competent supplemental service providers. The administrators will also provide a strong vision developed in partnership with the community and the school's staff and parents. the administrators will continually assess the students' progress and make adjustments to personnel and school offerings to ensure that the school as an organization is always growing toward fulfilling its mission.

PARENTS

The parents of students at Maritime Academy Charter will provide the family and home support that their children need in order to thrive academically, socially and behaviorally at the school. Parents are expected to ensure that students are well-rested, nourished, engaged in their schoolwork, have a safe environment in which to learn outside of school, and attend school

regularly. Parents are expected to maintain an active level of communication with teachers and other members of the staff, and to work with teachers to plan and support their child's learning through phone calls, conferences, parent nights, and similar connections.

COMMUNITY

As a school focused particularly on the maritime industry and transportation trades, Maritime Academy necessarily has more of a focus on local community connections than many other schools that do not have an industry focus. The maritime community is welcomed into the school in many ways, such as regular speakers in the speaker series, board membership for representatives from the maritime trades, involvement of maritime professionals in development of the maritime curriculum at all grade levels, participation of students in maritime-focused extra-curriculars in the community, and more. The community will be made to feel welcome to view the school as a major hub for exploring and teaching new ideas, and for developing a strong future workforce that is knowledgeable and enthusiastic about technology and the maritime and transportation industries.

OTHER (OPTIONAL)

STEERING COMMITTEE

Name	Position	Building/Group
Peter Saunders	Building Principal	Elementary/Middle School
Lucy Feria	Building Principal	High School
Sharen Ferrigon	Teacher - Regular Education	High School
David Murphy	Teacher - Regular Education	High School
Janiessa Fuller	Teacher - Regular Education	Middle School
Phillip MacMurray	Teacher - Regular Education	Middle School
Christine Coates	Teacher - Regular Education	Elementary School
Lauren Goldberg	Teacher - Special Education	Elementary School
Anthony Salvetti	Teacher - Regular Education	Elementary School
Kimberly Bonnani	Special Education Director/Specialist	Elem/Middle and High School
Jermaine Ithier	Ed Specialist - Instructional Technology	Elem/Middle and High School
Lisa Garcia-Dolchanczyk	Parent	Elem/Middle and High School
Margo Funke	Parent	High School
Steve Hewitt	Assistant Principal	Elementary/Middle School
Eugene Mattioni	CEO	Elem/Middle and High School
Matt Wilson	Assistant Principal	High School
Una Gayot	Community Representative	US Navy Sea Cadets
Nick Pagon	Community Representative	Elementary School

ESTABLISHED PRIORITIES

Priority Statement	Outcome Category
Maritime needs to utilize a variety of tools and curricula that have been proven to engage students in learning and practicing core math concepts. Maritime needs to ensure that all of its math teachers, in every grade, are highly skilled in teaching math for their assigned grade level.	Mathematics Mathematics Essential Practices 4: Foster Quality Professional Learning
Science education at Maritime needs more hands-on learning opportunities and technology integration. Students need to be provided model lessons and to develop scientific reasoning skills using inquiry and Big Questions.	STEM STEM Industry-Based Learning
Parents need more opportunities to learn about the tools that their children are using to learn their various subjects, such as Math, English and Science. Parents need to be provided more education on what conditions their children need to be most successful, particularly when using technology for learning.	Parent and family engagement Parent and family engagement Parent and family engagement

ACTION PLAN AND STEPS

Evidence-based Strategy
Math teacher coaching

Measurable Goals

Goal Nickname	Measurable Goal Statement (Smart Goal)
PSSA Math	Math PSSA proficiency for All students at Maritime Academy Charter will reach 55%
Keystone Algebra proficiency	Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40%
Math teaching improvement initiative	100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol.

Action Step	Anticipated Start/Completion	Lead Person/Position	Materials/Resources/Supports Needed
Contract teacher coaches to work with math teachers	2020-08-21 - 2021-05-28	Peter Saunders	Math coaches
Assign math teachers to teacher coaches for at least three sessions	2020-09-07 - 2021-05-28	Peter Saunders	Math coaches

Anticipated Outcome

Teachers will demonstrate engaging math teaching techniques

Monitoring/Evaluation

Teacher observations using Danielson protocol. Math PSSA and Keystone scores will improve.

Evidence-based Strategy

Hands-on science and STEM teaching upgrade

Measurable Goals

Goal Nickname	Measurable Goal Statement (Smart Goal)
Science PSSA improvement	Science PSSA proficiency for All students at Maritime Academy Charter will reach 68%
Keystone Biology improvement	Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45%

Goal Nickname	Measurable Goal Statement (Smart Goal)
Maritime science project	95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project.

Action Step	Anticipated Start/Completion	Lead Person/Position	Materials/Resources/Supports Needed
Hire Science teacher coaches familiar with Inquiry learning and hands-on learning	2020-08-26 - 2021-05-28	Matt Wilson and Steve Hewitt	Science teacher coaches
Assign Science teacher coaches to Science teachers for at least three sessions	2020-08-28 - 2021-05-28	Matt Wilson and Steve Hewitt	Science teacher coaches
Purchase high quality Science and technology learning tools and curricula.	2020-08-28 - 2020-12-18	Matt Wilson and Steve Hewitt	Grant and regular fund balance money for learning materials and online curricula.
Maritime project training	2020-09-07 - 2021-04-15	Peter Saunders	Maritime learning materials

Anticipated Outcome

Hands on projects in science throughout the school that can be evaluated using rubrics

Monitoring/Evaluation

Student hands-on Science inquiry projects will be evaluated to assess proficiency in Science. PSSA and Keystone scores will improve in Science.

Evidence-based Strategy

Parent education in student online learning tools

Measurable Goals

Goal Nickname	Measurable Goal Statement (Smart Goal)

Goal Nickname	Measurable Goal Statement (Smart Goal)
Parent education in tools for Math learning	95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Math (e.g., Dreambox Learning).
Parent education in tools for Science learning	95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Science (e.g., Khan Academy Learning).
Parent education in tools for English learning	95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children English (e.g., Study Island).

Action Step	Anticipated Start/Completion	Lead Person/Position	Materials/Resources/Supports Needed
Parent education in using tools to help their children learn Math (e.g., Dreambox).	2020-08-19 - 2021-03-31	Peter Saunders	Zoom video, Dreambox Learning (and other math tools), Google Hangouts, Google Docs
Parent education in using tools to help their children learn Science (e.g., Khan Academy).	2020-08-19 - 2021-03-31	Peter Saunders	Zoom video, Khan Academy Learning (and other Science tools, like BrainPop), Google Hangouts, Google Docs
Parent education in using tools to help their children learn English (e.g., Study Island).	2020-08-19 - 2021-03-31	Peter Saunders	Zoom video, Study Island (and other English teaching tools, like Achieve 3000), Google Hangouts, Google Docs
Parent education in using tools to help their children participate in online classes and communicate and share their work with their teachers.	2020-08-19 - 2021-04-15	Peter Saunders	Zoom video, PowerSchool, Google Hangouts, Google Docs

Anticipated Outcome

Parents will feel more capable of assisting their children with using online learning tools to learn English, Math, Science and other subjects.

Monitoring/Evaluation

Survey of Parents conducted at least twice per year.

PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Contract teacher coaches to work with math teachers	08/21/2020 - 05/28/2021

PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Assign math teachers to teacher coaches for at least three sessions	09/07/2020 - 05/28/2021

PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Hire Science teacher coaches familiar with Inquiry learning and hands-on learning	08/26/2020 - 05/28/2021

PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Assign Science teacher coaches to Science teachers for at least three sessions	08/28/2020 - 05/28/2021

PROFESSIONAL DEVELOPMENT STEPS AND TIMELINES:

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Maritime project training	09/07/2020 - 04/15/2021

APPROVALS & SIGNATURES

Assurance of Quality and Accountability

Assurance of Quality and Accountability

The Building Administrator, Superintendent/Chief Executive Officer and President of the School Board will affirm the following statements.

We affirm that our school has developed a School Improvement Plan based upon a thorough review of the essential practices to advance educational programs and processes and improve student achievement.

We affirm that the action plans that we will be implementing address our specific school needs, include strategies that provide educational opportunities and instructional strategies for all students and each of the student groups, increases the amount and quality of learning time, and provides equity in the curriculum which may include programs, activities, and courses necessary to provide a well-rounded education. These plans address the needs of all children in the school, but particularly the needs of those at risk of not meeting the challenging State academic standards.

We, the undersigned, hereby certify that the school level plan has been duly reviewed by the Building Administrator, Superintendent of Schools and formally approved by the district's Board of Education, per guidelines required by the Pennsylvania Department of Education.

We hereby affirm and assure that this plan:

- Addresses all the **required components** prescribed by the Pennsylvania Department of Education
- Meets **ESSA requirements**
- Includes **at least one evidence-based strategy that meets one of the three highest levels of evidence outlined in ESSA**
- Has a **high probability of improving student outcomes**
- Has sufficient **LEA leadership and support to ensure successful implementation**

With this Assurance of Quality & Accountability, we request the Pennsylvania Department of Education grant formal approval to implement this plan.

School Board Minutes or Affirmation Statement ;

Signature (Entered Electronically and must have access to web application).

Superintendent/Chief Executive Officer

School Improvement
Facilitator Signature

Building Principal Signature

ADDENDUM A: BACKGROUND INFORMATION TO INFORM PLAN

Strengths	Challenges
On the PSSA English test in 2018-19, the majority of students performed at the proficient level or above overall.	All Student Group Did Not Meet Interim Goal/Improvement Target on statewide assessments in Math/Algebra I.
In English Language Arts/Literature, the All Student Group exceeds the standard demonstrating growth.	The groups noted (Hispanic, White, Students with Disabilities) did not meet their interim targets or statewide goals for % of students achieving proficient/advanced in the statewide assessments in Science.
In Science, Black, White, and Economically Disadvantaged Students met interim targets and/or statewide goals for growth on the Pennsylvania Value-Added Assessment System (PVAAS) for two years in a row.	44% of third graders in 2019 scored at basic/below basic in Reading on the PSSA.
In 2019, the total group of students exceeded the standard demonstrating growth (PVAAS) in English Language Arts.	Math PSSA proficiency decreases by grade level; from 3rd grade proficiency (51%), to 4th grade proficiency (34%) … to 8th grade proficiency (14%) in 2019.
In 2018-19, 3rd grade Math PSSA proficiency was very close to state proficiency levels (51%).	49% of Maritime high school students were proficient in Algebra I, compared to 63% of students statewide.
Black and Hispanic groups met the standard demonstrating growth on the Math PSSAs in 2019.	Just 42% of eighth graders were proficient/advanced on the Science PSSA in 2019.
PSSA proficiency scores in Science (percentage on grade level) increased from 49% to 57% from 2018 to 2019 (+8%).	By Spring 2019, 56% of Grade 12 cadets were Proficient/Advanced on the Keystone Biology tests, which also means that 44% were not.
In 2018-19, 4th grade Science PSSA proficiency levels were equal to state level proficiency levels (75%).	0% earned industry-recognized credential (Future Ready PA Index).
In 2019, All student subgroups met the standard demonstrating growth (PVAAS) in Science/Biology.	0% complete work-based learning experience (Future Ready PA Index).
18% of students enroll in college courses,	Students with Disabilities lag somewhat behind our all student group in Math

Strengths

88% of students who were dual-enrolled in a college level course passed and earned credit.

34% of students took advanced (AP) courses in 2018-19.

100% of high school students have a career portfolio and participate in a monthly Career Symposium.

ELL students are on par, and slightly ahead, of our all student group in Math (PSSAs, 2019): 29% proficient/advanced compared to 26% overall.

Continue to empower staff to develop initiatives in areas where students are weak, with a focus on Math and Science

Continue to provide a vision of high quality teaching and learning across the school.

Continue to add financial and other resources to build the capacity to provide a high quality, well-supplied and staffed learning environment.

Challenges

(PSSAs, 2019): 20% proficient/advanced compared to 26% (all students) overall.

Families do not have enough education or training to support students in their learning at home. (Implement evidence-based strategies to engage families to support learning.)

Implement an evidence-based system of schoolwide positive behavior interventions and supports

Identify and address individual student learning needs: provide support for students who struggle in English and Math, in the early grades, in particular.

Most Notable Observations/Patterns

Math performance on PSSA and Keystone exams is below proficiency expectations for the whole group of students at all grade levels. None of the students were identified as earning an industry credential on the state Future Ready Index. Science proficiency on the PSSAs and Keystones is below what the school is aiming to produce.

Challenges	Discussion Point	Priority for Planning
All Student Group Did Not Meet Interim Goal/Improvement Target on statewide assessments in Math/Algebra I.	Math curriculum has not traditionally been well-aligned to the standards and the PSSAs and Keystones.	✔
The groups noted (Hispanic, White, Students with Disabilities) did not meet their interim targets or statewide goals for % of students achieving proficient/advanced in the statewide assessments in Science.	Science would be best taught using a combination of modeling of inquiry by the teacher and hands-on learning activities.	✔
Families do not have enough education or training to support students in their learning at home. (Implement evidence-based strategies to engage families to support learning.)	Parents need additional education on how to support their child's learning outside of school, when they are learning online at home, and when they are in school.	✔

ADDENDUM B: ACTION PLAN

Action Plan: Math teacher coaching

Action Steps	Anticipated Start/Completion Date
Contract teacher coaches to work with math teachers	08/21/2020 - 05/28/2021

Monitoring/Evaluation	Anticipated Output
Teacher observations using Danielson protocol. Math PSSA and Keystone scores will improve.	Teachers will demonstrate engaging math teaching techniques

Material/Resources/Supports Needed	PD Step	Comm Step
Math coaches	yes	yes

Action Steps	Anticipated Start/Completion Date
Assign math teachers to teacher coaches for at least three sessions	09/07/2020 - 05/28/2021

Monitoring/Evaluation	Anticipated Output
Teacher observations using Danielson protocol. Math PSSA and Keystone scores will improve.	Teachers will demonstrate engaging math teaching techniques

Material/Resources/Supports Needed	PD Step	Comm Step
Math coaches	yes	yes

Action Plan: Hands-on science and STEM teaching upgrade

Action Steps	Anticipated Start/Completion Date
Hire Science teacher coaches familiar with Inquiry learning and hands-on learning	08/26/2020 - 05/28/2021

Monitoring/Evaluation	Anticipated Output
Student hands-on Science inquiry projects will be evaluated to assess proficiency in Science. PSSA and Keystone scores will improve in Science.	Hands on projects in science throughout the school that can be evaluated using rubrics

Material/Resources/Supports Needed	PD Step	Comm Step
Science teacher coaches	yes	yes

Action Steps	Anticipated Start/Completion Date
Assign Science teacher coaches to Science teachers for at least three sessions	08/28/2020 - 05/28/2021

Monitoring/Evaluation	Anticipated Output
Student hands-on Science inquiry projects will be evaluated to assess proficiency in Science. PSSA and Keystone scores will improve in Science.	Hands on projects in science throughout the school that can be evaluated using rubrics

Material/Resources/Supports Needed	PD Step	Comm Step
Science teacher coaches	yes	yes

Action Steps	Anticipated Start/Completion Date
Purchase high quality Science and technology learning tools and curricula.	08/28/2020 - 12/18/2020

Monitoring/Evaluation	Anticipated Output
Student hands-on Science inquiry projects will be evaluated to assess proficiency in Science. PSSA and Keystone scores will improve in Science.	Hands on projects in science throughout the school that can be evaluated using rubrics

Material/Resources/Supports Needed	PD Step	Comm Step
Grant and regular fund balance money for learning materials and online curricula.	no	yes

Action Steps	Anticipated Start/Completion Date
Maritime project training	09/07/2020 - 04/15/2021

Monitoring/Evaluation	Anticipated Output
Student hands-on Science inquiry projects will be evaluated to assess proficiency in Science. PSSA and Keystone scores will improve in Science.	Hands on projects in science throughout the school that can be evaluated using rubrics

Material/Resources/Supports Needed	PD Step	Comm Step
Maritime learning materials	yes	yes

Action Plan: Parent education in student online learning tools

Action Steps	Anticipated Start/Completion Date
Parent education in using tools to help their children learn Math (e.g., Dreambox).	08/19/2020 - 03/31/2021

Monitoring/Evaluation	Anticipated Output
Survey of Parents conducted at least twice per year.	Parents will feel more capable of assisting their children with using online learning tools to learn English, Math, Science and other subjects.

Material/Resources/Supports Needed	PD Step	Comm Step
Zoom video, Dreambox Learning (and other math tools), Google Hangouts, Google Docs	no	yes

Action Steps	Anticipated Start/Completion Date
Parent education in using tools to help their children learn Science (e.g., Khan Academy).	08/19/2020 - 03/31/2021

Monitoring/Evaluation	Anticipated Output
Survey of Parents conducted at least twice per year.	Parents will feel more capable of assisting their children with using online learning tools to learn English, Math, Science and other subjects.

Material/Resources/Supports Needed	PD Step	Comm Step
Zoom video, Khan Academy Learning (and other Science tools, like BrainPop), Google Hangouts, Google Docs	no	yes

Action Steps	Anticipated Start/Completion Date
Parent education in using tools to help their children learn English (e.g., Study Island).	08/19/2020 - 03/31/2021

Monitoring/Evaluation	Anticipated Output
Survey of Parents conducted at least twice per year.	Parents will feel more capable of assisting their children with using online learning tools to learn English, Math, Science and other subjects.

Material/Resources/Supports Needed	PD Step	Comm Step
Zoom video, Study Island (and other English teaching tools, like Achieve 3000), Google Hangouts, Google Docs	no	yes

Action Steps	Anticipated Start/Completion Date
Parent education in using tools to help their children participate in online classes and communicate and share their work with their teachers.	08/19/2020 - 04/15/2021

Monitoring/Evaluation	Anticipated Output
Survey of Parents conducted at least twice per year.	Parents will feel more capable of assisting their children with using online learning tools to learn English, Math, Science and other subjects.

Material/Resources/Supports Needed	PD Step	Comm Step
Zoom video, PowerSchool, Google Hangouts, Google Docs	no	yes

ADDENDUM C: PROFESSIONAL DEVELOPMENT PLANS

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Contract teacher coaches to work with math teachers	08/21/2020 - 05/28/2021
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Assign math teachers to teacher coaches for at least three sessions	09/07/2020 - 05/28/2021
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient"	Hands-on science and STEM teaching upgrade	Hire Science teacher coaches familiar with Inquiry learning and hands-on learning	08/26/2020 - 05/28/2021

Measurable Goals	Action Plan Name	Professional Development Step	Anticipated Timeline
or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)			
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Assign Science teacher coaches to Science teachers for at least three sessions	08/28/2020 - 05/28/2021
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Maritime project training	09/07/2020 - 04/15/2021

PROFESSIONAL DEVELOPMENT PLANS

Professional Development Step	Audience	Topics of Prof. Dev
Math teacher coaching	Math teachers	Using online, computer-based tools to teach math concepts; Teaching for understanding of math concepts; incorporating mathematical thinking into project-based learning

Evidence of Learning	Anticipated Timeframe	Lead Person/Position
PSSA and Keystone scores move toward proficiency	08/29/2020 - 05/28/2021	Peter Saunders

Danielson Framework Component Met in this Plan:	This Step meets the Requirements of State Required Trainings:
3b: Using Questioning and Discussion Techniques 1d: Demonstrating Knowledge of Resources	Teaching Diverse Learners in an Inclusive Setting

Professional Development Step	Audience	Topics of Prof. Dev
Science teacher coaching	Science teachers	Inquiry based learning; project based learning; teaching for understanding

Evidence of Learning	Anticipated Timeframe	Lead Person/Position
PSSA and Keystone scores move toward proficiency	08/28/2020 - 05/14/2021	Matt Wilson and Steve Hewitt

Danielson Framework Component Met in this Plan:	This Step meets the Requirements of State Required Trainings:
3b: Using Questioning and Discussion Techniques 3d: Using Assessment in Instruction 1e: Designing Coherent Instruction	Teaching Diverse Learners in an Inclusive Setting

Professional Development Step	Audience	Topics of Prof. Dev
Maritime science standards integration project	Science teachers, computer science teachers, math teachers, special education teachers, maritime teachers, English teachers, Social Studies teachers	Maritime topics and Science/STEM standards, Maritime topics and technology studies, Current topics in maritime studies, Organizing PBL projects

Evidence of Learning	Anticipated Timeframe	Lead Person/Position
Maritime projects- student performance on rubrics at each grade level; Teacher survey on understanding of relationship of maritime projects to STEM standards	08/28/2020 - 05/28/2021	Lucy Feria

Danielson Framework Component Met in this Plan:	This Step meets the Requirements of State Required Trainings:
1a: Demonstrating Knowledge of Content and Pedagogy 1d: Demonstrating Knowledge of Resources 3c: Engaging Students in Learning 3d: Using Assessment in Instruction 1e: Designing Coherent Instruction	Teaching Diverse Learners in an Inclusive Setting

ADDENDUM D: ACTION PLAN COMMUNICATION

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Contract teacher coaches to work with math teachers	2020-08-21 - 2021-05-28
Math PSSA proficiency for All students at Maritime Academy Charter will reach 55% (PSSA Math) Math Algebra Keystone proficiency for All students at Maritime Academy Charter will reach 40% (Keystone Algebra proficiency) 100% of math teachers will be rated proficient in Math teaching on the Danielson Effective Teaching protocol. (Math teaching improvement initiative)	Math teacher coaching	Assign math teachers to teacher coaches for at least three sessions	2020-09-07 - 2021-05-28
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science	Hands-on science and STEM teaching upgrade	Hire Science teacher coaches familiar with Inquiry learning and hands-on learning	2020-08-26 - 2021-05-28

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
project. (Maritime science project)			
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Assign Science teacher coaches to Science teachers for at least three sessions	2020-08-28 - 2021-05-28
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science project. (Maritime science project)	Hands-on science and STEM teaching upgrade	Purchase high quality Science and technology learning tools and curricula.	2020-08-28 - 2020-12-18
Science PSSA proficiency for All students at Maritime Academy Charter will reach 68% (Science PSSA improvement) Science Biology Keystone proficiency for All students at Maritime Academy Charter will reach 45% (Keystone Biology improvement) 95% of students will be rated "proficient" or "advanced" or earn a grade of B- or higher on a maritime-themed science	Hands-on science and STEM teaching upgrade	Maritime project training	2020-09-07 - 2021-04-15

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
project. (Maritime science project)			
95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Math (e.g., Dreambox Learning). (Parent education in tools for Math learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Science (e.g., Khan Academy Learning). (Parent education in tools for Science learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children English (e.g., Study Island). (Parent education in tools for English learning)	Parent education in student online learning tools	Parent education in using tools to help their children learn Math (e.g., Dreambox).	2020-08-19 - 2021-03-31
95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Math (e.g., Dreambox Learning). (Parent education in tools for Math learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Science (e.g., Khan Academy Learning). (Parent education in tools for Science learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children English	Parent education in student online learning tools	Parent education in using tools to help their children learn Science (e.g., Khan Academy).	2020-08-19 - 2021-03-31

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
(e.g., Study Island). (Parent education in tools for English learning)			
95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Math (e.g., Dreambox Learning). (Parent education in tools for Math learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Science (e.g., Khan Academy Learning). (Parent education in tools for Science learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children English (e.g., Study Island). (Parent education in tools for English learning)	Parent education in student online learning tools	Parent education in using tools to help their children learn English (e.g., Study Island).	2020-08-19 - 2021-03-31
95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Math (e.g., Dreambox Learning). (Parent education in tools for Math learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the school uses to teach their children Science (e.g., Khan Academy Learning). (Parent education in tools for Science learning) 95% of parents of Maritime students will state that they are knowledgeable or very knowledgeable about the tools that the	Parent education in student online learning tools	Parent education in using tools to help their children participate in online classes and communicate and share their work with their teachers.	2020-08-19 - 2021-04-15

Measurable Goals	Action Plan Name	Communication Step	Anticipated Timeline
school uses to teach their children English (e.g., Study Island). (Parent education in tools for English learning)			

COMMUNICATIONS PLAN

Communication Step	Audience	Topics/Message of Communication
Math teacher coaching	Math teachers	Understanding PSSA Math results, understanding Keystone Math results, understanding PVAAS Math growth results, using CDTs to gauge student and classroom progress, incorporating a variety of techniques into math teaching, using project based learning to teach math, using online tools to teach math (e.g., Dreambox)

Anticipated Timeframe	Frequency	Delivery Method
08/19/2020 - 05/21/2021	three times per year	Presentation

Lead Person/Position
Peter Saunders and Lucy Feria

Communication Step	Audience	Topics/Message of Communication
Science teacher coaching	Science teaches	Understanding PSSA Science results, understanding Keystone Science results, understanding PVAAS Science growth results, using CDTs to gauge student and classroom progress, incorporating a variety of techniques into Science teaching, using project based learning to teach Science standards, using online tools to teach Science (e.g., Khan Academy)

Anticipated Timeframe	Frequency	Delivery Method
08/19/2020 - 05/21/2021	Three times per year	Presentation

Lead Person/Position
Matt Wilson and Steve Hewitt

Communication Step	Audience	Topics/Message of Communication
Parent support for student learning with online tools	Parents of Maritime Academy Charter School students in all grade levels	How parents can support student online learning using approved MACS tools in Math, Science, English

Anticipated Timeframe	Frequency	Delivery Method
09/09/2020 - 04/21/2021	once per month	Webinar Newsletter

Lead Person/Position
Peter Saunders

Communication Step	Audience	Topics/Message of Communication
Parent education in general online teaching and learning tools	Parents of Maritime Academy students at all grade levels	Use of Google classroom, Google Docs, Google Meet, Zoom, etc. by teachers and students to maximize student participation outside of the school building.

Anticipated Timeframe	Frequency	Delivery Method
09/09/2020 - 05/19/2021	five times per year	Webinar Letter

Lead Person/Position
Lucy Feria and Jermaine Ithier

ADDENDUM E: COMPREHENSIVE PLAN COMMUNICATIONS

Communication Step	Topics of Message	Mode	Audience	Anticipated Timeline
Provide the Schoolwide Plan to the whole school community	The 2020-21 Plan has been finalized	PDF of Plan from FRCPP on the school website	School community	September 1 to 15
Provide schedule and describe plan for parent support of online learning	Parents will be provided an overview of the parent education webinars and activities and a schedule of those webinars.	Letter and email to parents	Parents, School administrators and teaching staff	September 1 to 14
Describe goals for schoolwide plan priorities and action plan for 2020-21	Goals of the schoolwide plan and action plan for 2020-21	Presentation, webinar	School administrators, teachers, parents	By September 30
Review of implementation of Schoolwide Plan	Implementation of Schoolwide Plan	Presentation, webinar	Board of Trustees, Schoolwide Planning Committee	Spring 2021
Outcomes of Schoolwide Plan Presentation	Schoolwide Plan outcomes in Math, English, Science	Presentation, webinar	Board of Trustees, Schoolwide Planning Committee	Fall 2021