MSTP NEWSLETTER

April 2004

AMITYVILLE VISION STATEMENT

Amityville Team:

Andrew Austin, Asst. Principal
Michael Campbell, Principal
Michael Castello, Technology Teacher
Paul Gicola, Science Coordinator & Teacher
Michael Hacker, Hofstra University
Solomon Henley, Math Coordinator & Teacher
Sylvia Silberger, Hofstra University
Leah Tremblay, Social Worker

The MSTP Program at the Edmund W. Miles Middle School seeks to enable all students to achieve optimal mathematics proficiency. In doing so, we intend to enhance the instructional strategies implemented by members of the EWMMS faculty in such a way that instruction connects mathematical problem-solving skills to the students' daily lives. The list of areas to which the mathematical problem -solving skills will be connected includes the following: technology, science, and commerce. In order to optimize student learning, the program will provide components that encourage the involvement of the entire school/community. Upon completion of the school's MSTP program, our students should become productive citizens and lifelong learners who apply mathematical problem-solving strategies to all aspects of their lives.

BRENTWOOD VISION STATEMENT

Brentwood Team:

Janet Andersen, Stony Brook University
Peter Bisulca, Technology Teacher
Patti Eichner, Guidance Counselor
Abby Hulett, Math Teacher
Julie LaCorte, Science Teacher
Adrienne Ratuszny, Asst. Principal
Luis Velazquez, Asst. Principal
Michael Walsh, Stony Brook University

The Brentwood West Middle School MSTP Team, through the collaborative effort of its math, science and technology instructors, will develop a comprehensive academic program that will enhance mathematical understanding and knowledge, thereby raising student achievement through mathematical competency. This will be accomplished through the training of teachers, the use of high interest, challenging intracurricular materials, as well as a variety of resources that will create greater interest and appreciation of math. We shall also focus on encouraging the community to participate and become more informed regarding their children's mathematical experiences. The development of these strategies will provide opportunities for students to gain a greater understanding of mathematical concepts and become mathematically confident. Subsequently, utilizing their math background, students will understand and apply: scientific concepts, technological knowledge, and skills pertinent to other areas of learning, such as real life situations.

FREEPORT VISION STATEMENT

Freeport Team:

Cathy Caldwell, Lead Team Teacher
Charles Forsberg, Hofstra University
Mary Lippert, Principal Designee
Denise Lloyd, Guidance Counselor
John O'Mard, Principal
Brian Schor, Math Teacher
Nanette Wachter-Jurcsak, Hofstra University
Jim Wandzilak, Lead Tech Teacher

We are committed to establishing a working partnership with students, teachers, parents, administrators and community members to effect real and lasting change toward the conceptualization of both teaching and learning in middle-level math, science, and technology.

We envision the fostering of a collaborative environment of standards-based instruction, experiential learning and academic risk-taking. We hope to engage educators, now and in the future, in professional development that will inspire them to incorporate research-based pedagogy and unique, creative methods of delivering instruction.

We will endeavor to use available data to address the distinctive needs of a diverse student population together with a spectrum of learning styles.

We strive, and call upon others to strive, to empower students to make the intuitive leap from classroom instruction to real life application, to advanced study, and - themselves - towards careers in math, science, and technology.

HEMPSTEAD VISION STATEMENT

Hempstead Team:

Winsome Brown-Cooke, Social Worker
Larry Gaither, Director of Technology
Margaret Hunter, Hofstra University
Stephanie Nesbitt, Assistant Principal
Marianne Steele, Science Chair
Sharon Whitton, Hofstra University
Carrie Wilson, Chair Mathematics

Our purpose is to enhance student and teacher expectations for academic success. It is our intent to build confidence and desire to maximize their potential for positive achievements. Student success and career opportunities will be developed by providing a valued environment for learning which integrates the use of Mathematics, Science and Technology. The benefactors of these initiatives will be our entire community of learners which include administrators, teacher, students, parents and the community at large.

LONGWOOD VISION STATEMENT

Longwood Team:
Joanne English Daly, Stony Brook University
Gary Halada , Stony Brook University
Ken O'Neill, Asst. Principal
Maris Paolini, Guidance
Patricia Poggio, Technology Teacher
Melissa Samuelson, Science Teacher
Jolene Zitterman, Math Teacher

The Longwood Junior High School MSTP Team is dedicated to improving the mathematical performance of its students by working with students, teachers, parents, administrators, and community members. Improving proficiency in mathematics will foster positive attitudes which in turn encourage future successes.
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RIVERHEAD VISION STATEMENT

Riverhead Team:
Kevin Brennan, Tech Teacher
Thomas Liao, Stony Brook University
Patricia Passanante, Asst. Math Chair
Andrea Pekar , Principal
Ann Priapi , Science Teacher
Robert Scheidet, Stony Brook University
Allen Taylor, Social Worker

The Riverhead MSTP team recognizes the need to strike a balance between strong academics and a student's personal development. In creating this balance, we hope that our students develop an appreciation of the wonder, beauty, usefulness and importance of Mathematics, Science and Technology.

This balance is achieved by providing a curriculum that is rigorous, challenging, purposeful, coherent and integrated. It is our hope that the successful implementation of this curriculum will encourage and motivate the learner to develop the interest, enthusiasm, skills and confidence to prosper in an ever-changing society.

In order to engage students in meaningful ways, we need teachers who are master learners, as well as, master teachers. Our teachers will embrace life-long learning by continually taking advantage of professional development opportunities.

UNIONDALE VISION STATEMENT

Uniondale Team:
Julius Brown, Principal
David Burghardt, Hofstra University
Caron Cox, Guidance Teacher
Victoria Jernick, Science Teacher
Betty Powell, Math Teacher
Richard Strunk, Technology Teacher
Theresa Vecchiarelli, Hofstra University

The Uniondale MSTP Team is dedicated to working with students, teachers, parents, administration and community members to enhance the mathematical experiences of all students at all grade levels, which in turn will improve proficiency in mathematics, science and technology as well as foster a positive attitude towards these areas of study. With this renewed sense of fascination with mathematics, science and technology and with a greater understanding of their applications and usefulness, we hope to encourage students to pursue advanced study in these areas.

WILLIAM FLOYD VISION STATEMENT

William Floyd Team:
Barbara Butler, Principal
Alexandra Dispenzieri, Science Teacher
Gloria Miranda, Math Teacher
Michelle Nearon, Stony Brook University
Gary Pfaeffle, Technology Teacher
Lurdes Ramos-Galarza, Guidance
Scott Sutherland, Stony Brook University

P Partnership - Every person is responsible for every child's math literacy, including the partnership of the community.

A Achievement - Every child will be empowered to teach their potential and have pride in their Math, Science, Technology achievement.

C Curriculum - The Math, Science, and Technology curriculum should be aligned, interdisciplinary, relevant to student's lives, and create a fascination for all students to encourage the pursuit of advanced math.

A Assessment - Student learning should be assessed frequently and be meaningful. The data from student learning assessments is important to analyze and to use to prescribe for future instruction. The evaluation of progress is ongoing.

WYANDANCH VISION STATEMENT

Wyandanch Team:
Tyrone Bennett, Stony Brook
Geoffrey DeMaio, Technology Teacher
David Ferguson, Stony Brook University
Theresa Gordon, Math Teacher
Fredrika Miller, Science Teacher
Juliette Romagnano, Social Worker/Math
Gina Talbert, Principal

We are committed to raising the bar of excellence with a high expectancy that the majority of our students will score at or above the level of proficiency on the New York State Exams in the areas of Math and Science.

Some of our future goals include:

Providing ongoing professional development in the area of NY State Standards and Curriculum Alignment within and between grade levels in the areas of Math, Science, and Technology.