



# STEM AFTER SCHOOL PROGRAM

## SCIENCE & TECHNOLOGY MAGNET HIGH SCHOOL OF SOUTHEASTERN CONNECTICUT

The STEM After School program is providing students at Science and Technology Magnet High School of Southeastern Connecticut (STMHS) and New London High School an opportunity to experience a project/inquiry based hands on, student centered comprehensive after school STEM program. The STEM After School program will enrich and connect to the students' classroom instruction from the regular school day.

The STEM After School programs are offered directly after school and will provide students with a snack each day. The students will be dismissed promptly at 4:30 PM to assure all students late bus access except for the Advanced Placement Math Program. This program is offered every Wednesday from 6:30 to 8:00 PM and transportation is not provided. Students must have a parent signed STEM After School permission slip to participate in the after school programs. To obtain a permission slip students should check in with the teacher instructing the club of their choice or visit the STMHS web site at: [www.nlstmhs.org](http://www.nlstmhs.org). Once the permission slip is fully completed the students must submit the permission slip to the identified teacher.

### MONDAYS & *Animation Club*

November through December  
Mr. Boucher  
Room MS 216

Students will go through the complete animation process from storyboard to creation of characters to full-blown animation with credits and trailers.

### MONDAYS & *Digital Art*

November through December  
Mr. Friedberg and Ms. Frausini  
Room MS 204

In a guided environment, students will explore how to improve their photographic skills, as well as a variety of Photoshop skills. Photographically, they will focus on portraiture, landscapes and still images. In Photoshop, students will learn restoration methods, making collages and basic editing techniques.

### MONDAYS & *Senior Legacy*

November through December  
Mrs. Zimbelman and Ms. Mercado  
Room MS 209

This program is designed to bring the seniors together as a team to collaborate and decide what they want their senior class to be remembered for, what legacy they want to leave behind. Future STMHS students will come to the high school and be able to learn from the legacies that were left before them. It is a way for future students to come in here and learn from past students and experiences they had here at STMHS. Through this our seniors will never be forgotten.

### MONDAYS & *Teen Talk*

November through December  
Every other Monday; Starting Monday, November ????  
Officer Nolan  
Room MS 3rd floor conference room

This program is designed to enhance communication between students and adults. The program emphasis is on solving real teen issues.

[WWW.NLSTMHS.ORG](http://WWW.NLSTMHS.ORG)

*This program is funded by the State of Connecticut Department of Education.*

# STEM AFTER SCHOOL PROGRAM

SCIENCE & TECHNOLOGY MAGNET HIGH SCHOOL OF SOUTHEASTERN CONNECTICUT  
490 JEFFERSON AVENUE  
NEW LONDON, CT 06320  
860.437.6496

## WEDNESDAY & *VEX Robotics*

November through April  
Room MS 116/119  
Mr. Brennan

Students will be participating in the VEX Robotics Competition game for the 2009 - 2010 season in Elevation. Elevation is a unique and challenging team-based game that will put high school students' engineering and technology skills to the test. Students, with guidance from their teachers and mentors, will aim to build the most innovative robots possible and work together to obtain the most points possible. In addition to just having a great time and building amazing robots, through their participation in the VEX Robotics Competition and their work within their team, students will learn many academic and life skills.

## WEDNESDAYS & *Advanced Placement Math Program*

November through April  
6:30 PM to 8:00 PM  
Room MS 224  
Mr. Mahon

This program will help prepare students in Advanced Placement (AP) Calculus for the AP Calculus test. This club will also prepare students not yet in Calculus who will take the course in the next school year.

## WEDNESDAYS & *Math Team*

November through April  
Room MS 209  
Mrs. Lavruk

Students will prepare for Team Math Competition with other area schools throughout Southeastern Connecticut. This program is designed for students who would like to display their math skills competitively with others. The competitions are anticipated to be held once a month.



[WWW.NLSTMHS.ORG](http://WWW.NLSTMHS.ORG)

## WEDNESDAYS & *Wellness Club*

November through April  
Room MS 322  
Mr. O'Leary

This program will address the benefits of regular physical exercise and how nutrition impacts an individual's physical well being. Students will explore how environmental stresses and everyday decisions affect health, wellness and longevity. Students will develop a plan that will lead them to a healthy life style.

## THURSDAYS & *Diversity Club*

November through April  
MS 209  
Mrs. Zimelman & Mrs. Robbins

This is a joint STMHS & NLHS Club and students from both schools are welcomed. This program will promote student awareness of different cultures. They will regularly research countries and celebrities with the major focus on the culture. Students will also research their own cultural backgrounds. Their findings will be shared with the members & the school community as a whole. The members will also assist on planned multicultural events with other clubs. Some of the current members also participate in "More Than Words" (MTW) and will take part in some joint activities with Ledyard High School throughout the year. The Diversity Club and MTW share a passion for creating an environment where we can all respect and appreciate the diversity in our community and beyond.

## THURSDAYS & *Forensics and Bio Medical Science in the Environment*

November through April  
Room MS 132  
Mrs. Swiatek and Mrs. Farquhar

Students will explore the environment through the eye of a forensic scientist. This hands on inquiry based program combines the Bio Medical and Environmental Science curriculum.

## THURSDAYS & *Woodworking Club*

November through April  
Room MS 219  
Mr. Lefebvre

Students will learn basic woodshop safety, lumber selection, the proper use of hand tools and power tools. Students will design and build simple woodworking projects.