

Mission

The Leaders and Innovators for Tomorrow Academy are fully dedicated to the development of students' interest, knowledge, enthusiasm and academic skills in the field of Science, Technology, Engineering and Mathematics. The LIFT Academy fully embraces the value of working in diverse and effective teams whose members develop meaningful relationships. The LIFT Academy will strive to reduce racial, ethnic and economic isolation by training participants to be leaders that have a better understanding of multiracial and multicultural issues.

Academic Program

All LIFT Academy activities lead directly to students' success on academic projects. The LIFT academy will focus on the Science, Technology, Engineering and Mathematics fields (S.T.E.M.). Students will participate in a total of four academic activities which are broken down into two concentrations: Engineering and Science. The Engineering and Science fields were chosen as concentrators because both fields apply technology and mathematics and both fields are guided by fundamental processes, the engineering design process and the scientific method. Students will complete a mini and major academic activity in both engineering and science. All engineering and science activities will be completed by teams of students. Technology training will provide students the background knowledge and skills necessary to complete engineering activities, science activities and presentations. Students' leadership, team building, and diversity training will be put to use as they work in teams to complete and present their engineering and science projects. Guest Speakers from S.T.E.M. fields and field trips to post secondary institutions and industry specializing in S.T.E.M. fields will increase students' knowledge and awareness of possible career paths.



SCIENCE & TECHNOLOGY
MAGNET HIGH SCHOOL

490 Jefferson Avenue
New London, CT 06320

Phone: 860-437-6496
Fax: 860-439-7774
E-mail: nlstmhs@newlondon.org

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STEM

(Science, Technology, Engineering & Math)

Interdistrict SUMMER ACADEMY 2009



Program Details

LOCATION

Classes will be held at the Science and Technology Magnet High School of Southeastern Connecticut and the Mitchell College Campus will provide housing and food services.

FEES

Price: Free

The students' room and board and admission to activities will be free. Students will be responsible for ancillary items, a flash drive and their own spending money.

DATES/TIMES

Students can select from any one of the weeks from July 6th through July 31st. The program will run from Monday morning at 9:00 AM through Friday at noon.

FIELD TRIPS, ACTIVITIES AND GUEST SPEAKERS

The field trips will be both educational and recreational with regular themes of team building and community building. The educational field trips will be to Block Island, Project Oceanology, and Mystic Aquarium. The recreational activities will be hosted at Science and Technology Magnet High School and students will also have a trip to Ocean Beach Park. Guest speakers will consist of leaders in the science and engineering fields.

SUPERVISION

Since the program is a residential program, supervision is a major consideration. Your child's health and safety is a major priority. The program will have an enrollment of 34 students per week. The maximum ratio of students to teachers/administrators will be 11 to 1.

Application Procedure



This inter-district grant is for students entering the 8th grade in the 2009 / 2010 school year.

Please complete the LIFT application and return it by mail or fax to the address / number below.

The application must include two signatures from the following:

- school principal
- guidance counselor
- teacher

Once students send in their completed application, they will be chosen by a selection committee consisting of the program administrator and staff.

Program Dates

July 6 - 10

July 13 - 17

July 20 - 24

July 27 - 31



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SCIENCE & TECHNOLOGY MAGNET HIGH SCHOOL
OF SOUTHEASTERN CONNECTICUT

Leaders Innovators For Tomorrow

REGISTRATION FORM

Please mail to: STMHS
490 Jefferson Avenue
New London, CT 06320

Fax to: Fax: 860-439-7774

Date you would like to attend:

___ July 6 – 10 ___ July 13 – 17 ___ July 20 – 24
___ July 27 – 31

Signatures required (2 of 3):

School Principal:

(Print Name)

(Signature) _____
(Date)

Guidance Counselor:

(Print Name)

(Signature) _____
(Date)

Teacher:

(Print Name)

(Signature) _____
(Date)

Student Name _____

Parent/Guardian Name _____

Address _____

Phones _____ Cell _____

City/Town _____ Zip Code _____

Gender: ___ Male ___ Female

Race: ___ American Indian ___ Asian
 ___ Black, not of Hispanic Origin ___ Hispanic/Latino
 ___ White, not of Hispanic Origin ___ Other

Emergency Information: Please list the information of relative, friend or neighbor that should be contacted in the event of an emergency if you are not available.

Name _____ Relation _____

Address _____

Phones _____ Cell _____