

STEMULATING THE MIND



WHAT IS STEM?

STEM stands for Science, Technology, Engineering, and Math.

WHY STEM?

The National Science Foundation reports, “scientific and technological innovations have become more important as we face a globalized and knowledge-based economy. To succeed in this new society, students need to develop their capabilities in STEM to levels much beyond what was considered acceptable in the past.”

JOB GROWTH 2008-2018

US Department of Commerce, 2011

STEM JOBS

17%

NON STEM JOBS

9.8%

Majoring in a STEM field opens up a world of possibilities. STEM careers are some of the best-paying and fastest growing jobs available today.

HOW DOES IT WORK?

UPWARD BOUND MATH & SCIENCE

is much more than your average school program.

THE ACADEMIC YEAR:

During the school year participants are offered...

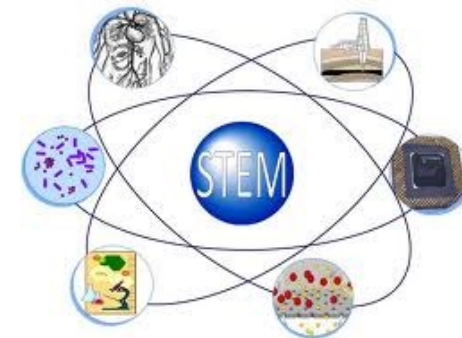
- Tutoring sessions and academic advising
- Free college tours to Oahu and Hilo
- College planning and preparation
- Career exploration activities
- Motivational and personal counseling
- Cultural/Educational activities
- Complete assistance with the college admissions process
- Assistance completing financial aid forms and scholarship searches

THE SUMMER ACADEMY:

For six weeks students are immersed in...

- Integrated hands on challenging classes in lab science, mathematics, literature, composition, foreign language, and nutrition
- Development of good study skills and habits
- College planning and preparation
- STEM job shadowing and internships
- College summer courses for graduated Seniors
- Multi-cultural workshops and activities
- Student clubs: yearbook, video, performance
- Recreational and social activities including field trips, dances, luau, cook off competitions, and much more!

Advisors work year round with students individually and in small groups, paying close attention to specific needs. Upward Bound's goal is not only to have students enroll in college, but give them the skills to successfully earn bachelor's degrees.

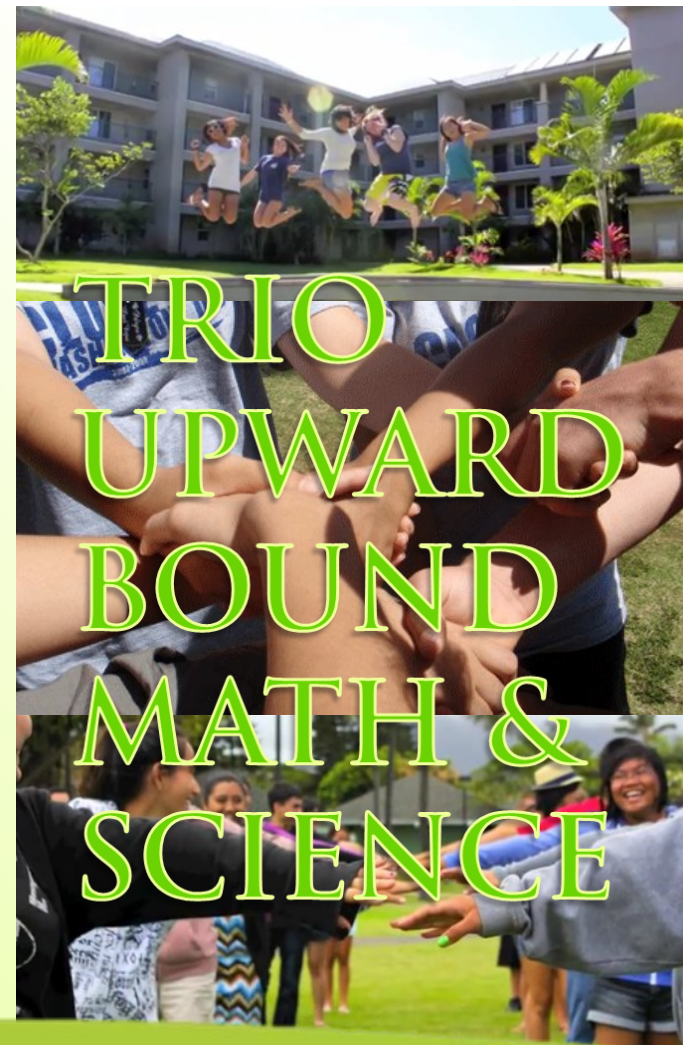


WHO IS ELIGIBLE TO APPLY?

Potential candidates for Upward Bound Math Science

- Plan to study Math, Science or Engineering in college
- Currently attend (or plan to attend) Baldwin, Maui, or Molokai High Schools and have completed 8th grade.
- Have parents who have not earned a 4-year degree and/or meet program income requirements
- Show potential to benefit from Upward Bound services as well as demonstrate motivation to continue the program throughout high school





WHAT IS TRIO UPWARD BOUND MATH & SCIENCE?

TRIO Upward Bound is an engaging educational program that prepares students for college and to ultimately earn bachelor's degrees. The program consists of year-round activities, including the popular Summer Academy, a college-like experience where students take challenging courses in core subjects for six weeks over the summer. The academic year consists of weekly school visits, monthly Saturday Academy (workshops on college preparation and fun activities), and college tours. Upward Bound is sponsored by UH Maui College with funding provided by the U.S. Department of Education. The program is free for parents and students.

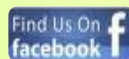
TO APPLY, CONTACT US:

TRIO Upward Bound/UBMS
University of Hawaii Maui College
310 W Kaahumanu Avenue
Kahului, HI 96732

Phone: 808.984.3299

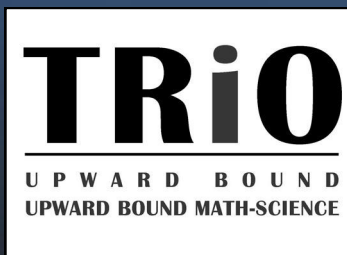
Fax: 808.984.3878

<http://maui.hawaii.edu/upward>



Upward Bound Maui

A pre-application can be mailed to you by request or downloaded from the website. The Upward Bound Math Science admission process includes a student interview and completion of the full application.



TRIO Upward Bound Math Science is sponsored by UH Maui College and funded through the U.S. Department of



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