



EBMA and STEM Support 2024 – 2025 School Year

To all EBMA Members–

EBMA encourages their members to volunteer their time and join one of the several Science Technology Engineering Math (STEM) outreach programs (often hosted by various schools) throughout EB localities in any capacity. These volunteer endeavors offer participants the opportunity to actively practice professional skills like: project management, leadership, mentoring, team building, providing/receiving feedback, problem solving and networking; while also supporting our regional STEM communities.

STEM programs include, but are not limited to:

- For Inspiration and Recognition of Science and Technology (FIRST):
FIRST LEGO Leagues (FLL), FIRST Tech Challenge (FTC), FIRST Robotics Competition (FRC)
- Robotics Educator Competition (REC) – VEX Robotics
- Elementary School Invention Conventions
- Science and Engineering Fairs (SEFs): Connecticut (CSEF), Massachusetts (MSEF),
Rhode Island (RISEF), International (ISEF)
- Most any other state/regional/local science/engineering/technology program or competition that fosters STEM education, growth or development

EBMA has committed funds to donate to eligible STEM programs for the current school year, as follows:

- \$200 per EBMA member per STEM Program ▪ Up to three STEM programs per member
- \$600 max per EBMA member, \$1,000 max per STEM Program

How to Apply

- Review the STEM Program websites listed on the last page.
NOTE - Your participation and EBMA donation is **not** limited to this list;
You may submit for any STEM program, subject to acceptance of EBMA review.
- Once you have begun participating in a STEM program, submit the following information to:
EBMA@gdeb.com, Attn. Vic Fetter, EBMA STEM Support Program
 - Your Name, Badge Number, Email • Your Role in the STEM program
 - STEM Program Name • Goal of STEM Program
 - Website of STEM program (if any)
 - Location STEM program meets (e.g. school name, address):
 - STEM Program Point of Contact (name, phone, relation to STEM program):
 - Dates of Operation This School Year (2024-2025)
 - Name donation to be Payable • Contact Name and Address for donation delivery

EBMA members supporting the same STEM program may provide a single submittal, provided each member includes their name, badge number, email, and individual roles in that program.

QUESTIONS, COMMENTS? Email vfetter@gdeb.com.

STEM PROGRAM WEBSITES

FIRST – For Inspiration and Recognition of Science and Technology

General Website - <https://www.firstinspires.org/robotics/frc>

Past CT First Robotics Competitions with EB Contacts

Aluminum Falcons FRC 2168 Groton/Fitch HS – Josh Miller

<https://frd-events.firstinspires.org/team/2168>

Cyber Colonels FRC 1740 Ledyard HS – Scott Horler, Kyle Swaidner

<https://frd-events.firstinspires.org/team/1740>

Human Error FRC 5746 VR/Deep River – Vic Fetter

<https://frd-events.firstinspires.org/team/5746>

Robocats FRC 1699 Colchester, Bacon Academy – TBD

<https://frd-events.firstinspires.org/team/1699>

STEM Whalers FRC 3719 New London schools et. al. – Aaron Ide, Alex McCullah

<https://frd-events.firstinspires.org/team/3719>

Techno Ticks FRC 236 East Lyme HS /Old Lyme Schools – Ellen Dicarlo

<https://frd-events.firstinspires.org/team/236>

Robotics Educator Competition (REC) – VEX Robotics

General Website – <https://www.roboticseducation.org/>

Invention Convention – many schools participate, Grades K- 12

General Website – <https://www.inventionconvention.org/>

Regeneron International Science and Engineering Fair (ISEF) – Grades 7 – 12

General Website – <https://www.societyforscience.org/isef/>

Affiliated ISEF Fairs near EB

Connecticut Science and Engineering Fair (CSEF) - <https://ctsciencefair.org/>

Massachusetts Science and Engineering Fair - <https://scifair.com/>

Rhode Island Science and Engineering Fair – <http://www.rista.us/risef>