

Tippecanoe STEM Education, Inc.

(FKA Tippecanoe STEAM Boosters, Inc.)

President – Mackenzie E. English

Vice Pres. – David Werts

Secretary – Georgia Bayman

Treasurer – Martin E. English, D.V.M.

E-mail: steamboosters@swohio.twcbc.com

Web: www.tippecanoesteamboosters.com

1470 W. Main Street

Tipp City, OH 45371

(937) 667-3217 Phone

(937) 669-9507 Fax

Tax No. 20-5604996

2017-2018 Annual Report & Call To The Annual Meeting

The Annual Membership Meeting of Tippecanoe STEM Education, Inc. (formerly known as Tippecanoe STEAM Boosters, Inc.) will take place on: **September 19, 2018, beginning at 7:00 p.m. at the Board of Education Office, 90 S. Tippecanoe Dr., Tipp City, Ohio**, for the purposes of Election of Directors, review of the past year and the provision of a brief update of upcoming activities. The meeting of the membership will be immediately preceded by a Board of Directors Meeting, beginning at 6:30 p.m. at the same location for the purposes of reviewing and approving new applications for membership, the election of officers, consideration of grant requests, and to make committee appointments. All new membership applications should be submitted to this office by Sept. 14, 2018. **Please consider renewing your membership commitment now by submitting membership dues.** Membership/dues forms attached. Meeting agendas will be sent out in September.

2017-2018 Membership

Active

Bayman, Georgia

Crow, Brad & Robyn

Rowland, Carolyn

Verhoff, Steven

Werts, Dave

Bonifas, Dale

English, Mackenzie

Rowland, Samantha

Vyas, Asha

Bruening, Coleen

English, Martin

Schoch, Cassandra

Wahl, Jackie

Campbell, Steve

Gingerich, Galen

Vath, Brad

Wahl, Katrina

Affiliate

Emerson Climate Technologies Robert Archer

Tipp Monroe Optimists Wahl Family Fund

English Veterinary Services

Tipp City Area Foundation

2017-2018

President

Vice President

Board Members

Board of Directors

Mackenzie English

David Werts

Carolyn Rowland

Galen Gingrich

Cassandra Schoch

Steve Verhoff

Campbell, Stephen

Robyn Crow

Asha Vyas

Term Expires

2018

2018

2018

2019

2019

2019

2020

2020

2020

Appointed:

Secretary – Georgia Bayman

Treasurer - Martin E. English, D.V.M.

Tippecanoe STEM Education, Inc.

August 1, 2018

Greetings,

The Annual Report is our best opportunity to keep the members and the community updated on Tippecanoe STEM Education activities and events

Funding of grant requests for STEM education in Tipp Schools continues to be supported by Tippecanoe STEM member businesses, organizations, and individuals, providing a total of over **\$8,500** in the past 12 months to fund field trips, lab equipment and supplies, classroom technology, and programs like Science Fair and Math Counts. Community and corporate sponsors included Tipp City Area Foundation, Emerson Climate Technologies, and the Wahl Family Fund.

We are excited to report that the 3rd Upper Miami Valley District Science Day (OAS District 1), hosted by Edison State Community College in Piqua, OH was another complete success. Results for all Upper Miami Valley Science Days and the new District Science Day may be found at: www.ohiouvds.com .

This was the fifth year for the John A. Smith Memorial Award for Engineering/Material Science. At the 2018 Miami County Science Day, the \$50 award was issued to Ms. Jackie Bashore & Ms. Isabelle Crow, Tippecanoe High School. Donations to the John A. Smith Memorial Fund can still be made to support this award which will be continued each year.

At Tippecanoe High School, math teacher Annette Malott will continue teaching the new Introduction to Engineering & Robotics course. The initial interest by students has been overwhelming. A follow up course is being developed for these students. Tippecanoe STEM Education and Emerson Climate Technologies is providing support for this important program. Hopefully other engineering based companies in the Tipp City area will also take interest in supporting this course.

We're planning our next board meeting for August 29th at 6:30 p.m. at the Board of Education building. Our annual membership meeting will be Wednesday, September 19th at 7:00 p.m. Details can be found on page one of the Annual Report. Please join us.

Tippecanoe STEM Education, Inc.

Treasurer's Report

Checking

Starting Balance on August 01, 2017	\$3394.20
Income 08/01/17 – 07/31/18 (Cash or Check)	\$5730.00
Disbursements 08/01/17 – 07/31/18 (checking)	<u>-\$8521.56</u>
Balance on July 31, 2018	\$602.64

Income

Dues	\$375.00
General (undesignated) Cash Donations	\$205.00
John A Smith Memorial Fund	\$000.00
Designated Cash Donations:	\$5150.00
Equipment/tech., Math Counts, field trips	
Total Cash Income	<u>\$5730.00</u>

“In-Kind” Income (“In-kind” donations designated for grants, administration, supplies): \$000.00

Total Dues & Donations 8/01/17 – 07/31/18 (Cash & In-kind) \$5730.00

Expenses

Administrative / Organizational: OAS Dues, Bank (new checks)	\$00.00
Scholarship (2016 & 2017)	\$1000.00
John A Smith Memorial Awards	\$50.00
State Science Day Plaque (New)	\$303.70
Grants (checks only / does not include in-kind donations):	\$7167.86
(03-17, 04-17, 05-17, 06-17, 01-18, 02-18, 03-18)	
Total Checking Acct. Expenses	<u>\$8521.56</u>

“In-Kind” Expenses (“In-kind” donations used for grants, administration, supplies): \$000.00

Total Expenses 8/01/17 – 07/31/18 (cash & in-kind) \$8521.56

Liabilities (on July 31, 2018)

Grants Awarded but not yet Disbursed	\$0.00
Scholarship (2018) Not yet disbursed	<u>\$500.00</u>
Total Liabilities	\$500.00

Assets (on July 31, 2018)

Balance in checking on July 31, 2018	<u>\$602.64</u>
Total Assets	\$602.64

Net Worth (on July 31, 2018) \$102.64

Tippecanoe STEM Education, Inc.

Grants Awarded and Disbursed Between August 01, 2017 and July 31, 2018

<u>No.</u>	<u>Applicant</u>	<u>Amounts</u>
03-17	THS Math/Engineering – Malott Description: Statistics Math XL materials/licenses Robotics hardware & software kits Designated Emerson funds from 2017 used for this request.	\$1200.00
04-17	TMS Math Dept. – Bonifas Description: Math Counts registration fees	\$190.00
05-17	THS/TMS – First Robotics Tournament Description: Tournament Event Facilities fees (Tipp City Schools)	\$1000.00
06-17	Broadway – Kim Hampton Description: Biology/Environmental Sci. – Owl Pellets	\$177.09
01-18	TMS STEM – Earl Description: STEM lab tools	\$75.00
02-18	THS Math/Engineering – Malott Description: Engineering lab materials Designated Emerson funds from 2018 used for this request.	\$1475.77
03-18	TMS – Cassie Schoch Description: Google Lab VR Goggles (added to other grants) Total of 50 units purchased Designated Emerson funds from 2017 & 2018 used for this request.	\$3000.00

Tippecanoe STEM Education, Inc.

Committee Reports:

Science Days: The results from the 2018 Miami County Science Day, 2018 Upper Miami Valley District Science Day and the 2018 State Science Day are all available on the Upper Miami Valley Science Days website at: www.ohiouvdsd.com The UMVSD website will be updated for the 2018-2019 Science Day season after September 1st. In the mean time, please check out all the 2018 Event & Awards Sponsors listed on the website and consider how you might participate in the coming year, as a sponsor, judge and/or event volunteer at any of the six events.

2018 STEM Scholarship Recipient

Tippecanoe STEM Education, Inc. is pleased to announce the recipient of the STEM scholarship awarded this year for a student who has excelled in STEM (Science, Technology, Engineering, and Math) areas in high school, both in and out of the classroom. Consideration for this scholarship was based on academic achievement, participation in STEM-related activities, and a continued interest in STEM fields beyond high school. Recipient of the \$500 Scholarship was Zach Carner, who will study mechanical engineering at Wright State University.

2018 STEM Scholars

STEM Scholar Certificates are awarded to Graduating Seniors and current Juniors of Tippecanoe High School for outstanding academic achievement in science, technology, engineering, and mathematics, and the demonstration of a commitment to the pursuit of higher education and career opportunities in a STEM field. Eligibility requirements include successful completion of upper level math and science courses, participation in STEM related extra-curricular activities and events, and completion of an approved STEM related career experience.

Senior STEM Scholars and their field of interest and college were:

Zach Carner	Mechanical Engineering @ Wright State University
Alissa Buynak	Engineering @ USAF Academy
Jessica Miller	Visual Technology @ Kent State

Juniors (Class of 2019) receiving STEM Certificates

Jaclyn Bashore
Isabelle Crow
Victoria Jacobs
Matthew Poynter
Melanie Schall
Leena Vyas
Mason Doll
Logan Oskey

Tippecanoe STEM Education, Inc.

President – Mackenzie E. English

Vice Pres. – David Werts

Secretary – Georgia Bayman Treasurer – Martin E. English, D.V.M.

E-mail: steamboosters@swohio.twcbc.com

Web: www.tippecanoesteamboosters.com

1470 W. Main Street

Tipp City, OH 45371

(937) 667-3217 Phone

(937) 669-9507 Fax

Tax No. 20-5604996

MISSION STATEMENT

Tippecanoe STEM Education, Inc. comprises members of the Tipp City / Monroe Township community and schools with a strong interest and background in science, technology, engineering and mathematics (STEM), who work together to create a strong interest and improved ability in those same areas by the students of the Tipp City School District, by improving the delivery of STEM concepts, improving the students' attitude and perception of these areas through contacts with successful adults with STEM backgrounds and careers. Success will be measured by the number of students annually entering STEM related college majors and careers.

VISION

To generate excitement for science, technology, engineering and mathematics among Tipp City School District students and to facilitate careers in these fields.

STRATEGIC PLAN

- A. Identify existing programs or create new ones that will aide or enhance the learning experience of students in the Tipp City School District in STEM related areas of study.
- B. Identify equipment and learning materials that will aide or enhance the learning experience of students in the Tipp City School District in STEM related areas of study.
- C. Prioritize and determine cost estimates for the needs listed in A & B above, identify potential funding sources, match needs listed in A & B above to those funding sources, implement ways and means to secure those funds, and disburse successfully acquired funds as needed for each identified item.
- D. Identify areas for volunteerism that will aide or enhance the learning experience of students in the Tipp City School District in STEM related areas of study.
- E. Identify and implement ways to create a positive and enriched academic environment where students interested in the STEM fields are respected, admired and recognized as a source of school pride.

Tippecanoe STEM Education, Inc.

ACTIVE MEMBERSHIP

An Active Member of the Tippecanoe STEM Education, Inc. shall be anyone with an interest in promoting science, technology, engineering and mathematics education. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Active Membership. Each Active Member shall be entitled to vote at the Annual Members Meeting for the election of Directors to the Board. Only Active Members are eligible to be nominated for the Board of Directors. Active Members may chair, or serve on committees of the Tippecanoe STEM Education, Inc.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by taking an active role in developing student programs, promoting community involvement and identifying funding sources, then please consider becoming an Active Member. Annual dues are only \$25.00.

ASSOCIATE MEMBERSHIP

Any individual interested in the promotion and support of the educational experience of Tipp City Exempted Village School District students in the areas of science, technology, engineering and mathematics may apply for Associate Membership. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Associate Membership. Associate Members are non-voting members, but may chair and/or serve on committees of Tippecanoe STEM Education, Inc.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by volunteering to help with individual STEM related programs or by serving on one or more committees, then please consider becoming an Associate Member. There are no dues required of Associate Members.

AFFILIATE MEMBERSHIP

Any organization, business, or educational institution interested in the promotion and support of the educational experience of Tipp City Exempted Village School District students in the areas of science, technology, engineering and mathematics may apply for Affiliate Membership. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Affiliate Membership.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by supporting student programs, field trips, speakers, and equipment and learning material purchases, then please consider becoming an Affiliate Member. Several levels of annual sponsorship are available and Affiliate Members may change their level of sponsorship from year to year or increase their level of support at any time during any given year. Donations may be in cash or through donations of tangible goods or services having value to the organization. Affiliate Members will be recognized in news releases and promotional materials unless otherwise indicated by the member.

Tippecanoe STEM Education, Inc.

ACTIVE MEMBERSHIP INFORMATION

An Active Member of the Tippecanoe STEM Education, Inc. shall be anyone with an interest in promoting science, technology, engineering and mathematics education. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Active Membership. Each Active Member shall be entitled to vote at the Annual Members Meeting for the election of Directors to the Board. Only Active Members are eligible to be nominated for the Board of Directors. Active Members may chair, or serve on committees of the Tippecanoe STEM Education, Inc.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by taking an active role in developing student programs, promoting community involvement and identifying funding sources, then please consider becoming an Active Member. Annual dues are only \$25.00.

Tippecanoe STEM Education, Inc.

1470 W. Main Street, Tipp City, OH 45371 - Phone (937) 667-3217 Fax (937) 669-9507

ACTIVE MEMBERSHIP APPLICATION / RENEWAL (Circle if renewal)

Name _____

Address _____

City _____ State _____ Zip _____

Telephone (Home) _____

E-Mail Address _____

Signature _____ Date _____

Annual Dues: **\$25.00** Cash ____ Check _____ Additional Voluntary Support \$ _____

John A. Smith Memorial Fund \$ _____

Tippecanoe STEM Education, Inc. is a not-for-profit 501(c)3 public charity corporation. Donations are tax deductible to the extent allowed by law.

Please indicate any personal, educational and/or business background in the areas of science, technology, engineering or mathematics. You may attach additional letter or resume if desired. If you are the parent of one or more Tipp City School District student(s), please indicate his/her/their current grade(s) in school.

Science - Technology - Engineering – Mathematics

Tippecanoe STEM Education, Inc.

ASSOCIATE MEMBERSHIP INFORMATION

Any individual interested in the promotion and support of the educational experience of Tipp City Exempted Village School District students in the areas of science, technology, engineering and mathematics may apply for Associate Membership. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Associate Membership. Associate Members are non-voting members, but may chair and/or serve on committees of Tippecanoe STEM Education, Inc.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by volunteering to help with individual STEM related programs or by serving on one or more committees, then please consider becoming an Associate Member. There are no dues required of Associate Members.

Tippecanoe STEM Education, Inc.

1470 W. Main Street, Tipp City, OH 45371 - Phone (937) 667-3217 Fax (937) 669-9507

ASSOCIATE MEMBERSHIP APPLICATION / RENEWAL (Circle if renewal)

Name _____

Address _____

City _____ State _____ Zip _____

Telephone (Home) _____

E-Mail Address _____

Signature _____ Date _____

Annual Dues \$0.00

Voluntary Support Donation \$ _____

John A. Smith Memorial Fund \$ _____

Tippecanoe STEM Education, Inc. is a not-for-profit 501(c)3 public charity corporation. Donations are tax deductible to the extent allowed by law.

Please indicate any personal, educational and/or business background in the areas of science, technology, engineering or mathematics. You may attach additional letter or resume if desired. (A STEM background is not a requirement of Associate membership) If you are the parent of one or more Tipp City School District student(s), please indicate his/her/their current grade(s) in school.

Science - Technology - Engineering - Mathematics

Tippecanoe STEM Education, Inc.

AFFILIATE MEMBERSHIP INFORMATION

Any organization, business, or educational institution interested in the promotion and support of the educational experience of Tipp City Exempted Village School District students in the areas of science, technology, engineering and mathematics may apply for Affiliate Membership. All applications shall be voted on by the Board of Directors and a majority vote of the Board of Directors shall be necessary to approve Affiliate Membership.

If you are interested in helping Tippecanoe STEM Education, Inc. to reach its goals by supporting student programs, field trips, speakers, and equipment and learning material purchases, then please consider becoming an Affiliate Member. Several levels of annual sponsorship are available and Affiliate Members may change their level of sponsorship from year to year or increase their level of support at any time during any given year. Donations may be in cash or through donations of tangible goods or services having value to the organization. Affiliate Members will be recognized in news releases and promotional materials unless otherwise indicated by the member.

Tippecanoe STEM Education, Inc.

1470 W. Main Street, Tipp City, OH 45371 - Phone (937) 667-3217 Fax (937) 669-9507

AFFILIATE MEMBERSHIP APPLICATION / RENEWAL (Circle if renewal)

Name (Business or Organization) _____

Address _____

City _____ State _____ Zip _____

Business Telephone _____

Contact Person _____ Title _____ E-Mail: _____

Signature _____ Date _____

Sponsorship Level (Donation Amount): Please indicate your preference.

<input type="checkbox"/> \$50	<i>Sir Isaac Newton</i>	<input type="checkbox"/> \$1000	<i>Archimedes</i>	<input type="checkbox"/> Cash or Check
<input type="checkbox"/> \$100	<i>Benjamin Franklin</i>	<input type="checkbox"/> \$1500	<i>Galilei Galileo</i>	<input type="checkbox"/> Goods or Services
<input type="checkbox"/> \$250	<i>Marie Curie</i>	<input type="checkbox"/> \$2000	<i>Albert Einstein</i>	(Please provide details)
<input type="checkbox"/> \$500	<i>Nicholas Copernicus</i>	<input type="checkbox"/> \$3000	<i>Thomas Edison</i>	<input type="checkbox"/> Pledge for future
<input type="checkbox"/> \$750	<i>Leonardo Da Vinci</i>	<input type="checkbox"/> \$ _____	Other	date of ___/___/___

Please treat this donation as anonymous

Please add this donation to the General Fund, or

John A. Smith Memorial Fund, or

This donation is designated for: _____ (Ex: TMS STEM)

Tippecanoe STEM Education, Inc. is a not-for-profit 501(c)3 public charity corporation. Donations are tax deductible to the extent allowed by law.

Please indicate if you or any other person(s) with your organization would be interested in volunteering as a mentor, science fair judge, or committee member. If so, please include information about any personal, educational and/or business backgrounds in the areas of science, technology, engineering or mathematics for this person(s). (STEM background not required)

Science - Technology - Engineering - Mathematics