

## 2019 STEM Education Conference Trends

### Attendance:

161 people attended the 2019 STEM Education Conference (SEC) a 17% increase from 2018.

- Grades K-4 – 44%
- Grade 5 – 8 – 48%
- Grades 9-12 – 8%

### Number of STEM Education Conferences Attended:

- First Conference – 35%
- Two – 23%
- Three or more – 42%

### Overall Conference Rating:

- 55% - Excellent
- 44% - Good
- 1% - Fair
  
- 99% of attendees agreed that the conference provided them with resources that they can use at their school
  
- 99% of attendees agreed the conference is important to their professional growth and development.

### Keynote Address:

- 45% - Excellent
- 44% - Good
- 8% - Fair

### Content:

- A planning committee consisting of MISF leaders and educators helped plan the content for the conference.
- 10 Sessions were led by MISF Teachers or a team of teachers

### Highest Attended Sessions:

- Compelling Stories and Creative Engineering Challenges – The Works Museum
- Makerspace Mashup II – MISF Teacher led session
- STEM Tales – MISF Teacher led session
- Bringing Technology Into the Classroom – STEM Supplies -Gopher Sport
- STEMTastic! – Growing Green Hearts
- ZOOMS Design Challenge – Minnesota Zoo

### Highest Rated Session

- STEM Tales: Integrating Literacy and STEM for K-5 Students
- STEMTastic

**Lowest Rated Session**

- Journey Toward Exploratory and Experimental Learning
- Fundamentals of Engineering – A yearlong hands on survey of careers in engineering

**Suggestions - How To Improve The Conference**

- Keynote that relates to elementary grades
- Shorter lunch with an earlier end time

**Testimonials:**

The MISF STEM Conference provides great resources and professional development for small schools and teachers. The opportunity to network with other teachers, schools is a highlight for me each year.

The STEM conference is a great showcase for all that MISF offers private schools in Minnesota. It is a melting pot for ideas and collaboration and I have always benefitted from the interactions with fellow educators at this conference.

This was an awesome day of learning! I am looking forward to bring all of the things that I have learned today back to my classroom! Best. Day. Ever!

Year after year, I have found curriculum and projects at this conference that I have been excited and able to add into my classroom for the coming year. This conference, and its presenters, gave me the confidence to apply for MISF STEM grants. These grants have completely transformed how we think about technology, science and that addition of engineering to our schools offerings to students.

**Sponsorship Support**

- Sponsorship revenue was \$5600, a 40% increase from 2018
- 12 Sponsors represented, a 50% increase from 2018