



**Longfellow Elementary**  
**Science Technology Engineering Math Expo 2019**  
 K - 3 Information Packet



**INTRODUCTION:**

The STEM Expo provides students the opportunity to learn and create by engaging in a STEM project of their choosing and then sharing their learning and process with their classroom, STEM professionals, and the Longfellow community.

**WHO:** K- 3 students choosing to participate (all students are encouraged to participate!)

**WHAT:** Any science project of interest, including Technology, Engineering and Mathematics – a design project, research project, or experiment!

**HOW:**

- Research and create individually or collaboratively and then share with a classroom presentation to peers and visiting scientists from the community
- Short presentations in the classroom may include posters, demonstrations, models, etc...
- Visiting scientists provide feedback and encouragement to all participants
- Student posters of their projects are displayed at the evening Expo, open to the community

**WHEN:**

STEM Assembly	<b>1/31</b>	STEM Presentations & Expo	<b>3/05-3/07</b>
Submit registration form	<b>2/11</b>		

**WHERE:** Longfellow Elementary school classrooms and gym

**WHY:** To raise awareness and excitement for STEM disciplines at an early age

**HOW TO HELP:**

1. Read the Guided Questions (attached) with your student and find more information at [http://lo.bsd7.org/our\\_school/s\\_t\\_e\\_m](http://lo.bsd7.org/our_school/s_t_e_m)
2. Poster boards can be purchased from the office for \$3
3. STEM professionals: contact Matt Kline at [metfigga@gmail.com](mailto:metfigga@gmail.com) to volunteer to attend classroom presentations

**WHO TO ASK FOR HELP:**

Laurie Rugemer [laurie.rugemer@gmail.com](mailto:laurie.rugemer@gmail.com) ; Megan Higgs [higgs.stat@gmail.com](mailto:higgs.stat@gmail.com) ;  
 Matt Kline, [metfigga@gmail.com](mailto:metfigga@gmail.com)

**FORMS and INFORMATION:**

1. Registration Form should be completed and returned to teachers by 02/11/19
2. Guided Questions may help students brainstorm and reflect as they develop their projects, presentations and posters
3. FAQ and all information is posted at [http://lo.bsd7.org/our\\_school/s\\_t\\_e\\_m](http://lo.bsd7.org/our_school/s_t_e_m)