

APPLICATION

TEF STEM Initiative Grant

Applicant(s): Seunghee Kim
 School Site: Morgan Warrham District

Job Title: Math Resource Teacher
 Principal: Math Teacher

Contact Information:

Day Phone # 310)972-6500 Ext. 6435 Evening Phone # 310)612-0188

Email: Kim.Seunghee@tUSD.org

Program/Event (Please select 1 per application)

- | | | | |
|---|--|--|--|
| <input type="radio"/> Engineering **
After-School Club | <input type="radio"/> First Lego League/
Robotics | <input type="radio"/> Family STEM
Night | <input type="radio"/> Hour of Code |
| <input type="radio"/> Math Counts | <input type="radio"/> Science Olympiad | <input type="radio"/> CyberPatriots | <input type="radio"/> Stellar Xplorers |

** Applicants may submit separate applications for multiple programs/events.*

*** Applicants for Engineering After-School Club, please include program title & curriculum/description*

Did this school receive a TEF STEM Initiative Grant for this program/event last year?

☐ YES

☒ NO

Number of years program/event has been in place at your schools:

 0 years (new) 1 year ☒ 2 or more years

Targeted Grade Level(s) 4th - 8th

Estimated number of participating students: 232

Estimated schedule of events and planning (ex: tentative dates for future information meeting, club meeting times, competitions or event dates, etc.)

• March 30, 2019 TUSD Math Field Day
8:00-11:00 Middle School Event
1:00-4:00 Elementary School Event

• April 27, 2019 LACOE Math Field Day
(The winners from the TUSD Math Field Day will attend.)



wants to celebrate and support grant winners!

Grant winners are **required to notify** TEF (Admin@TorranceEducationFoundation.org) of future events, competitions, and ceremonies related to the approved program/event. Please give at least two weeks notice.

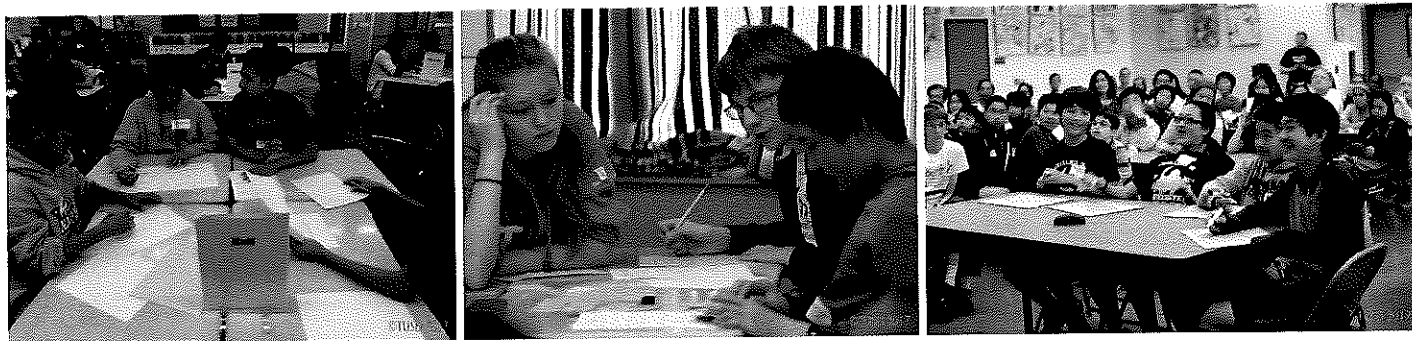
Applicant Signature: [Signature]
 Principal Signature: [Signature]

September 26, 2018
 Date: 9-26-18
9.28.18
 Date:

*** Completed grant applications should be scanned and emailed to Admin@TorranceEducationFoundation.org by 3:00pm, September 28th.**

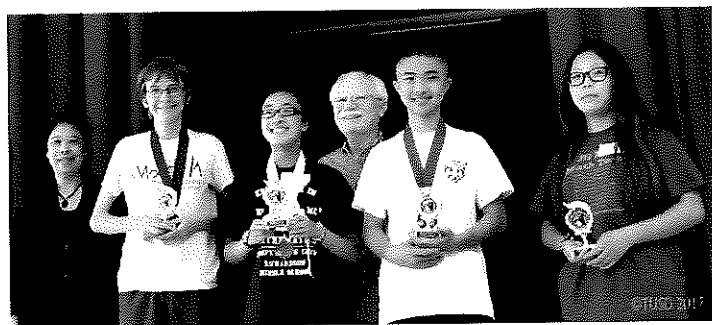
Dear STEM Initiative Grant Program Committee,

Math Field Day is an opportunity for students in grades 4-8 to use mathematical reasoning and teamwork through competition. Math Field Day replaced the former Torrance Regional Middle School Math Competition starting 2017. Participating students demonstrate their math knowledge through competition in the following events: computational and procedural skills, conceptual understanding and problem-solving. The winners from the Torrance Unified School District's Math Field Day get invited to attend and compete at the Los Angeles County Office of Education Math Field Day in April every year.



Over 180 middle school students came out and competed at the TUSD Math Field Day in the last two years. Based on the results of the competition each year, a group of 12 students in Grades 6-8 represented Torrance Unified School District at the LACOE Math Field Day. Each team competed against 36 other southern california districts and did a phenomenal job placing in the top three places every year.

LACOE Math Field Day 2017 Results		LACOE Math Field Day 2018 Results	
6th Grade: Procedural Skills Problem Solving	Silver Medal Gold Medal	6th Grade: Problem Solving	Bronze Medal
7th Grade: Problem Solving	Bronze Medal		
8th Grade: Problem Solving Conceptual Understanding Procedural Fluency	Silver Medal Bronze Medal Bronze Medal	8th Grade: Conceptual Understanding	Bronze Medal

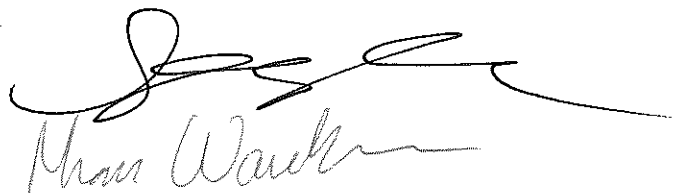


This year, we are very excited to invite Math Field Day to our 17 elementary schools and share the excitement of math to 4th and 5th graders. Below is a proposed budget to run the event at two levels of schools. If we were to receive the TEF STEM Grant it would pay for the registration fee for our students to attend the LACOE Math Field Day in April, 2019 (\$200 per team, 5 teams total for grade 4-6, $200 \times 5 = \$1000$).

Elementary School Event		Middle School Event	
Registration for LACOE Math Field Day (\$200 per grade level team; 4th - 5th)	\$400	Registration for LACOE Math Field Day (\$200 per grade level team; 6th - 8th)	\$600
Pay for 2 district team coaches (3 hours of student training + 8 hours at LACOE Math Field Day)	\$1,000	Pay for 3 district team coaches (3 hours of student training + 8 hours at LACOE Math Field Day)	\$1,500
Trophies, Medals, & Ribbons	\$600	Trophies, Medals, & Ribbons	\$800
Food (Snacks)	\$250	Food (Snacks)	\$200
District Team Shirts	\$150	District Team Shirts	\$200
Custodian pay for the day of event	\$100	Custodian pay for the day of event	\$100
Total	\$2500	Total	\$3400

Please feel free to contact us if you have any questions or concerns. Thank you.

Sincerely,



Seunghie Kim & Megan Wareham

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