



**STEM Santa Fe Julia Robinson Mathematics Festival  
Friday February 23, 2018**

**Teacher and Student Guide**

Welcome and thanks for coming to the Julia Robinson Mathematics Festival. We are excited to have you experience the joy of mathematics with us. Please note that Check-in time is between 9:00 – 9:30 outside the Jemez Rooms at Santa Fe Community College.

The Festival is from 9:30 AM-12:30 PM followed by a group photo and pizza lunch. During the three hours, there will be two “mini-fieldtrips” focused on applications in math. Each school group will be given a half-an-hour tour of the Sustainable Technologies on campus and a half-an-hour workshop on SOS (Science on Sphere). Having these mini-fieldtrips on campus will elevate some of the crowding in the Jemez Rooms and is the solution that allowed us to accept more students into the festival this year.

The Festival in the Jemez Rooms will include 15 activities/centers that the students can visit and try. These aren't the sort of activities that you can learn something from in a minute or two. It will take some time and effort on the student's part to work on solving the problems and experiencing the joy of mathematics that the activities offer. There will be Table Leaders trained to guide and encourage the students. Students can walk around and select an activity that might interest them. They can work by themselves or with others, for at least 10 minutes on each activity. They are no pressure to find the answers but to explore and problem-solve. After 10 minutes, if the student feels like the activity is too easy or too hard or simply not interesting, they can get up and look for another one. But watch out! The activities generally start relatively easy and end rather hard. If a Student is inclined to work on one activity for the whole festival, they are welcome to. Teachers and Adult Chaperones are asked not to help the students with the activities or even sit down with the students to figure out the activities.

At 12:30, the festival will wind down and students' groups will be asked to head outside for a group photo while the activities are packed up. We will then head back to the Jemez Rooms for lunch and your school group lunch is free to go when your bus arrives.

Please note the following:

- Students are not allowed to use their phones during the Festival. We are relying on you to monitor your students carefully during the Festival and to make sure than they are not wondering off on campus, especially when they ask to go to the bathroom. Our volunteers will NOT give permission or monitor them if they ask to leave the group to go to the bathroom.
- We need the students to take a survey after the Festival. This is important in order to measure impact and facilitate fundraising for future festivals. We can provide you with paper surveys to take back to your students (on the bus for example) or we can provide you with a link to fill out the survey online (our preferred method). Once your students fill out the survey and are returned to us, we will deliver a gift to you to be used in the classroom as a token of our appreciation.