



Information Needed for AZ STEM Adventure Application

Below, you will find all of the questions we will ask in the AZ STEM Adventure Application. Applications are due by October 1st. Notifications will be sent by October 15th notifying you whether your application has been accepted. When you are ready to apply, [please click here](#).

Contact Info

Teacher Name, Email address, Phone Number
Teacher Phone Number
School Name, Address, Phone Number

STEM Adventure offers programming for both teachers and students grades 4-8.

Teachers have the opportunity to participate in two hours of STEM professional development. This professional development will focus on best practices for engaging your students in research, science and engineering projects for the SARSEF Science and Engineering Fair in the spring. Differentiation for teachers who have participated in the past and those who are new to SARSEF will be provided. Equipment will be provided to all teachers who attend to help open up research options for students. Teachers will receive a certificate from the Pima County Superintendent's Office upon completion of the STEM Adventure Teacher Personal Development session.

- I agree to attend one of the Teacher Professional Development Sessions, November 17 OR 18 from 4-6:00 pm.

Students will be able to engage in the STEM Adventure activities in their own classrooms through the live broadcast on Friday, November 19th from 9-12. Activity kits will be provided to all classrooms who participate. Students will be able to interact with our scientists and engineers, ask questions, embark on tours, and learn from STEM professionals! Where possible, a classroom liaison will assist your students in-person in your classroom. Virtual attendance for the entire 9a-12p activity period is expected. (Lunch/recess schedule may need to be adjusted to accommodate this.)

- I commit to making the arrangements for my students to join the live STEM Adventure Zoom Broadcast on November 19th from 9a-12p.

Which PD session would you like to attend? (Held virtually over Zoom)

- Wednesday, November 17th 4:00-6:00pm
- Thursday, November 18th 4:00-6:00pm

We will have trained classroom liaisons available to go to your school and facilitate your class's activities throughout the live STEM Adventure broadcast on Friday, November 19th from 9a-12p. We understand that depending on the COVID-19 pandemic, this may not be possible. We will evaluate the feasibility of this option with each school individually as STEM Adventure draws near.

Currently, what is your school's visitor policy? (We know this is subject to change frequently.)

- Classroom volunteers are currently permitted.
- Classroom volunteers are not currently permitted.
- Other



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How many students will be participating in STEM Adventure from 9a-12p on Friday, November 19th?

Note to departmentalized science teachers: If you are applying for a whole grade level, all science teachers for that grade level must apply separately. In addition, it is your responsibility to ensure you arrange for enough teachers overseeing students so they can all attend the virtual field trip simultaneously.

Number of Students who will participate from 9a-12p on Friday, November 19th
Grade Level

This year's Professional Development is data literacy-based. "Data literacy" describes "the ability to read, work with, analyze, and argue with data" (from dataversity.net). In 3-4 sentences, how do you see yourself incorporating data literacy into the classroom?

In 3-4 sentences, what do you hope the students in your class will get out of Arizona STEM Adventure?

SARSEF has an outreach program, What Do We Wonder?, where SARSEF Program Educators work with classrooms to help guide and develop the science and engineering process in preparation for completing a project for the SARSEF Fair. Is this something you'd be interested in?

The following questions are for our data collection purposes only. **Your answers will not influence your chances of selection in any way.** On a scale of 1 to 10, how comfortable are you

Extremely Uncomfortable **Extremely Comfortable**

1 2 3 4 5 6 7 8 9 10

Teaching science at your current grade level?

Teaching engineering at your current grade level?

Teaching students how to do science research projects?

Teaching students how to do engineering research projects?