CHUGACH SCIENCE SHARE Q&A

What if I need to make changes to my registration?

Just fill out the form again. When I see two registrations in your name, I'll use the most recent one. Here's the link: **PLEASE REGISTER ONLINE HERE**

What is Science Share?

Chugach Science Share is our non-competitive Science Fair which challenges students to practice the scientific method with their own experiment and share their findings with the Chugach community.

What happens on Science Share night?

Science Share is special, because every student who completes a project gets to discuss it with a real scientist from our community. Students complete a project and then present it to a Community Scientist during a scheduled 10-minute time slot on Science Share Night. The Community Scientist will ask questions about the project and provide encouragement and feedback. It's a really wonderful learning experience for the students.

Science Share night is **fun!** You can come even if you haven't completed a project. There are scavenger hunts with cookie prizes for different age levels. You can also browse the projects and enjoy free pizza.

When is Science Share night?

Thursday, February 19th, 5:30-7:30 PM

Who should do a Science Share Project?

All students are invited to participate. **Participation is required for 5th/6th grade.**

Where can I find resources about how to do a Science Share Project?

You can find more info **HERE**. This links to a file with links to all of the student handouts, useful websites, and the CAM presentation on Science Share. Most classes will have had a presentation about Science Share.

Is there a CAM Covering Science Share?

Yes! The topic at the Community Assembly Meeting on Wednesday November 19th at 6:00 PM is Science Share. Parents, this is a great opportunity to learn how to support your students in doing a Science Share Project.

Are the expectations different for different grade levels?

The expectations for student projects are different for Uppers, who are expected to do

an experiment using the Scientific Method, and Kindy/Primary where we mostly want to get kids excited about science.

For Kindy/Primary, a demonstration or display about something they have researched is fine, though Kindy/Primary students have done some really cool experiments with parent support. The point is to have fun!

Middle Students should probably try to do an experiment-type project, but make sure that it is something fun and engaging for them, and the important thing here is starting to understand the Scientific Method, not perfecting it.

Uppers are expected to do an experiment using the Scientific Method, and we want them to really understand how to apply the Scientific Method to design a project. We want them to learn to think hard about the variables in their project and make sure to design a project testing only one variable, and to understand that multiple repetitions of the experiment are important.

What are some keys to a GREAT Science Share project?

- Plan ahead and give yourself plenty of time! See this handout
- Make sure it sounds fun and interesting to you. Browse websites for ideas if you need to. It's okay to build on other people's work or ideas!
- Keep it Simple! Only test one question and one variable
- Make sure to identify your independent variables, dependent variables, and controlled variables. See this handout
- Be ready to make changes to your experiment design if necessary.
- Do multiple trials or tests (as many as possible!)
- Record your data clearly using tables and graphs
- Be honest about what you learned and what you could do better next time

Can I work with a Partner?

Yes, you can work with a partner! If you are an upper, you MUST complete a contract with your partner and have both students' parents sign and give it to your teacher. This is because most of the work for Science Share will happen outside of school, and you need to make sure that you have parent support to meet up to work on the project.

If you work with a partner, BOTH partners must complete a registration for Science Share. Indicate who your partner is in the appropriate spot. EACH partner will get THEIR OWN meeting with a Community Scientist.

You can work with one other partner (maximum group size of 2) and they can be in a different class or grade than you.

When should I bring my project to school?

Bring your project to school on Tuesday, Feb 17.

This is so that we can organize all the projects and that classes can take time to look at the projects.

Do I have to register or sign up?

YES**!** ALL Students completing projects **MUST** complete the Online Registration so we can organize a mentor to meet with them on Science Share night.

Uppers, please register by Jan 21. Everyone else, please register by Feb 1.

PLEASE REGISTER ONLINE HERE

Do I have to stay for the whole time? I have practice that night.

If you have completed a project, you need to be there for your assigned 10-minute time slot to meet with your Community Scientist. Otherwise you can come and go as you wish. There are 10-minute time slots scheduled at 5:30, 5:50, 6:10, 6:30, 6:50 and 7:10. On the registration form you can indicate which times do or don't work for you.

How can parents help support Science Share?

Parents! Please Help! We need Community Scientists (20-30 of them!) to meet with students individually about projects on Science Share night. Anyone from the Chugach Community with a Scientific/STEM background can help! Doctors, Nurses, Engineers, Biologists, Naturalists, Science Teachers, Geoscientists, Botanists, Water Scientists…on and on…. anyone from our Chugach community - parents, aunts/uncles, grandparents, family friends.

PLEASE CLICK HERE FOR MORE INFO ABOUT AND TO BEING A COMMUNITY SCIENTIST AND TO SIGN UP

What if I love my project and want to do more with it?

The Alaska Science and Engineering Fair is March 27th and 28th. It is open to all elementary school students. Any student can participate in the fair. Go to https://alaskasciencefair.org/ for more information. This science fair has specific size guidelines for projects - if you are thinking about this take a look before you make your final display!

Should my final display be typed or handwritten?

Either is fine. The important thing is for it to be neat and legible at a grade-appropriate level.

Who can I contact if I need more information or find a broken link or typo in the Science Share materials?

Contact Mandy King at amandalynnbooth@gmail.com or 907-460-9418 with questions or suggestions. Feel free to reach out if you are considering signing up to be a Community Scientist but want more information. Please let me know if you notice links not working, typos on dates or important info, etc! Thank you!