

Dear professor Shakhshiri,

It was very fun being able to watch your show. In the beginning when you lit the balloons it was fun because I was trying to see what would happen. I knew that the green ones were going to burst, but when you did the yellow ones it was surprising and fun. It was fun and cool when you put two ping-pong and one balloon on the blow drier. I knew that you could do that with one ping-pong ball because the air goes around it the same way so it all cancels each other out that's how you could put it at an angle and it would stay.

Sincerely,
Tyler Hinge
group 20

Dear Professor Shakhshiri,

I really loved your performance. It was fun, but still taught you something. That is very important. Lots of things these days are either fun and DON'T teach you something, or do teach you something but it's NOT fun.

I couldn't stop talking about your performance. My poor 8-year-old sister must have heard about when you put dry ice in boiling water at least 3 times. At least she'll be smarter now, right?

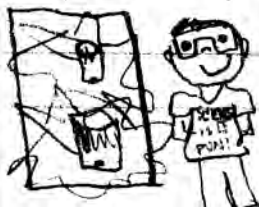
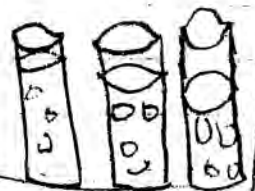
Thank you for giving me such a wonderful experience!

Mia
CFK Group 20

Protect
your
hearing!



I'm
still
here!
Don't
worry!



Dear Dr. S,

I thought the show was quite fun and interesting.

In 5th grade our science teacher told us about Greenhouse Gases or the Greenhouse Affect.

I found it very weird yet interesting how it worked. How all the gases got trapped like that, then causing climate change and Global warming.

I would be interested in learning more about Greenhouse Gases later in my life.

Hope to see you soon,

Jocelyn Pickhardt
Jocelyn Pickhardt



Dear Professor Shakhshiri,

Thank you for doing a science show for us. Even though I already watched some of the experiments, I still liked the show. I also think that science is fun and want to become a scientist when I grow up. My favorite experiment was when we watched the oscillating reaction. I also liked the dry ice. I loved the chemistry show and want to learn more!

From Amanda

Science Is Fun!!

Dear Dr. S,

Thank you very much for presenting your science knowledge and experiments to me and the rest of the CFK members this year. I learned a few new, great things about science from you! I learned about a few different materials and gases from the periodic table of elements like Carbon, hydrogen, and oxygen. I also learned what some of those elements become when mixed with another element. I learned that trying new and different things can lead to a very fun experiment! My favorite experiments that you showed us were the experiment when you popped the balloons with different elements invisible to the human eye in them for us to see what different things happen when different elements are roused by a strong thing like fire and the experiment where you used an electric tool to put on a nail nailed to a plastic bottle with a cork in it to make the electricity jump to the second nail nailed to the ^{plastic} bottle with a cork in it to make the cork pop off the plastic bottle. From that, I learned that the more oxygen in each plastic bottle, the louder and stronger the result. I think that's why the bigger plastic bottles got the loudest and strongest results, because they could hold more oxygen. Again, thank you for presenting your science knowledge to me and the rest of the students and group leaders so we could learn new things about science! Maybe I'll become a science teacher when I am older!!

From,
Eric Tyson (group 4)

From: Kaia - TO: [REDACTED] The person from Science's FUN

Thank you SO much for doing those experiments with us! It was really fun! My favorite part was probably when you mixed the 100 degree water and dry ice. I knew dry ice was used for steam for movies and stuff, but I didn't know how! When I was little, I thought they somehow ~~took~~ took all the water out, but then I was like "Ice is made of water. blah blah blah". It was so awesome, but the flower pot experiment, you know the glass room thing? I thought it was a popcorn machine... but yeah. My other favorite one was the tornado thing that made the water change color! I think you should have more experiments where you use someone from the audience. :) Anyway, thanks again for teaching us awesome things and spending your time on us! It was really fun! Bye!!



Dear Shakashiri,

I admire your science experiments and how you have some music in your shows.

In fact, I sang the periodic table on stage in the Shakashiri Christmas Cheery. I loved the part when Dorothy came. Anyway, your science presentation for CFE was great. I have some questions for you:

① When you did your balloon experiment, does the energy released from the balloon depend on the density of the gas inside?

② For the glowing spiral experiment, what chemicals did you mix and why did they glow?

My favorite of all your experiments was the sparkler experiment. I loved the light and color. I learned many things, including what combustion and sublimation was. I also thought your dry ice experiment was cool. I have some more questions for you. When did you start making these science shows? What was (if you remember), the first science show you saw? When did you develop an interest in science? Why did you pick the color red for your shirts?

Sorry if I'm bombarding you with questions. I hope you keep doing these shows so everyone can find out that science is fun!

P.S. In the summer I am taking chemistry course



← Erlenmeyer flask
filled with
an acid
and base

Sincerely,

Ananya
Group 25
CFK

Dear Mr. Shakhashiri,

I loved watching your experiments today during C.F.K. For some kids, science can be boring. But for me, even though I was sitting down, when you did those experiments I felt like I was on the most fun and educational roller coaster ever! I think that if every student could have fun science like that in their classroom, they would love science, too.

I also liked how you brought up climate change because every child (and adult) should learn about global warming. I care about the environment very much and when I grow up, I want to be an environmental engineer and also an architect.

I loved the fact that you made the students think, not just showed us the explosions. That is the way that you can make science REALLY fun.

Here are my questions: When you mixed the chemicals in the spiral tube and then they glowed, it stopped glowing after a minuet or so. Then some questions formed in my mind.

One time I saw my 14 year old sister putting glow sticks in the freezer. She claimed that cooling them down and freezing them would make them last longer. I thought she might be lying, but sure enough, after being in the

freezer for a few days, they glowed much longer than a normal glow stick would.

My first question: Is that chemical solution you made today the same chemical solution that is in a regular glow stick?

My next question: If you put that chemical solution you made today in a freezer right after you made it, would it glow longer, too?

And my last question: Say you put that chemical solution you made today in a freezer right away and it DID last longer. If you put dry ice into it right after you made it, do you think it would make it last longer as well?

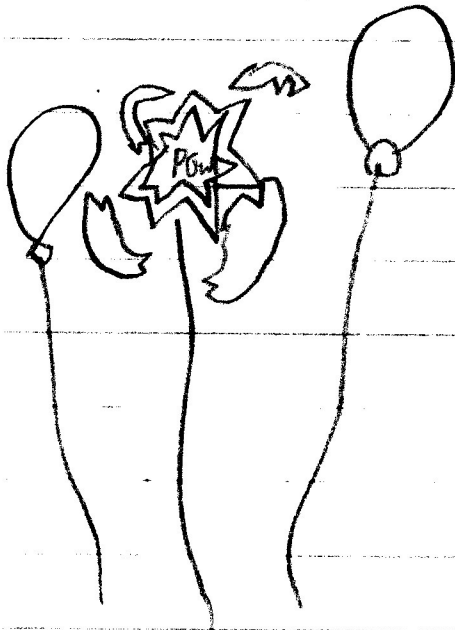
I LOVED seeing all of those experiments and learning science with you today.

Your Future Student,

Mary Jane

Dear Dr. Shakashiri,

The science show you gave us was spectacular!
I watched it in awe. My favorite part was when
you exploded the balloon. I love all science, but this
was a whole new level of cool! Now I'll never
mix up clear with colorless. Thank you for the show.



Sincerely,

Carson, group 23, college for kids
P.S. Sorry if I misspelled your name.

Dear Dr. S,

We really loved your presentation! One of our favorite parts was the balloon presentation, when we learned that certain amounts of helium, air and hydrogen make the balloons explode! The yellow balloon in the dark was awesome, because it was like a fireball in the sky!

Another thing we liked was when you mixed the two liquids (which we are very sorry, we can't remember what they were), and the glowed in the dark. We learned that every element in each mixture, makes it different, and the experiment will change if you use ingredients.

We also learned that greenhouse gases are gases that trap heat in the air. Some greenhouse gases are Carbon Dioxide, Methane e.t.c. Greenhouse gases are a big part of climate change. Climate change is also referred to as global warming. Some scientists say that global warming comes from humans using the 'greenhouse effect'. In other words, some of the gases that are keeping away heat are breaking away. This, is one of the reasons for such vast climate change.

Another thing we thought was awesome, was when you used the hair dryer to make all those balls 'float'. I learned that using moving air makes all the difference in that experiment.

All your other experiments were super awesome too, but it was just very hard to remember everything. These were our favorites! :)

Thank you so much for coming to College for Kids to show us that **super-awesome-fun-funky-sweet-wonderful-exciting-impressive-magnificent** presentation!

Signed,

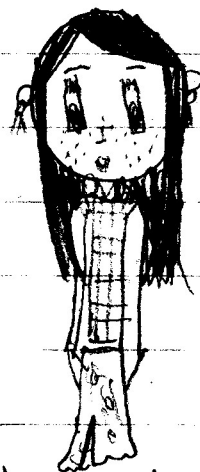
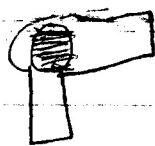
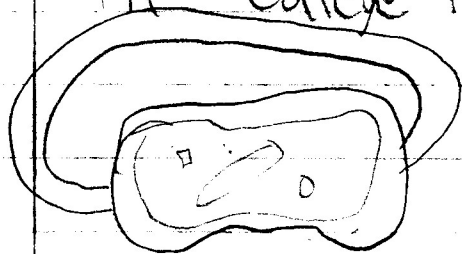
Erin & Katie

Dear Bassam Shakkashiri,

Thank you for coming to "College for kids". Your experiments were awesome! I liked when you made the tubes change from one color to a totally different color. It was fascinating. Oh!

And also really enjoyed when the lights turned off and you popped the green balloon. It looked like a real volcanic eruption! In a way, I think science experiments are like magic tricks. "Science is magic." You really took the time to explain to us about all your neat experiments. Plus, you had a sense of humor and were very kind. And when you said there were no dumb questions, well, I might have a few. So, with the hair dryer, how did you get the balls to float in mid air, if they weigh more than what was keeping them

a float? And how, again, exactly did those tubes change color so rapidly? Well, anyway, thank you for taking your time to read my letter to you and for taking time for us all in "College for kids"!!



P.S
I enjoyed
your presentation
a ton!

Sincerely,
Micah