



SCIENCE IN THE BUSH

I went to Science in the Bush thinking how boring it would be. For me, all you did in science was wear big white coats and weird-looking **goggles**, while looking at strange chemicals and test tubes. But when I went to Science in the Bush, I found out just how wrong I was.

First of all, the morning tea. We got free bags of awesome stuff, like UNE vortexes, **balloons** and pens. We also got a very hard quiz and an evaluation form. And for morning tea there were muesli bars, poppers and Caramello Koalas.... yum! The only problem was, I am dairy intolerant so sadly I could only have a popper.

Then we went to the Chemistry Lab. We actually did have to wear strange goggles but they were pretty cool, all the same. We had Andrew Clark for our guide. In the Chemistry Lab we started off with making **slime**. We used borax and an ingredient from PVA **GLUE** to make it, and then we got to play with it. It was reallyyy fun!!

After our slime we made hot packs and cold packs. I found out that when you mix two ingredients together, they react and become cold or hot. It was **interesting** the way it suddenly became hot or cold!

Next we got to make **fireworks**, by putting different chemicals into a Bunsen burner. When we put calcium into the Bunsen burner, the

flame turned red, and when we put sodium in, it turned blue. That's how fireworks are made today.

After that we poured acetone onto foam, and the foam dissolved. We also learned about liquid nitrogen, and we put a balloon into a bowl of liquid nitrogen. The balloon shrivelled up, and when we took it out, it slowly **expanded** again. It was really cool to watch.

Our last activity in the Chemistry Lab was making a rocket. We put two reactive ingredients into a bottle, then the cork **popped** out, hit a metal thingumabob and the bottle catapulted into the air!

Then we headed up to Sport Science. First of all, we looked at our heart rates. Mine was about 85 beats per minute. Then some people got onto the exercise bikes and **pedalled** as hard as they could, and got their heart rates taken while they were pedalling. We found out that our heart rates were much **faster** when we were working hard!

After that we did a test to see how quickly we respond to a **gun** or a light at the start of the race. We had to run five metres when we saw a green light flash. I enjoyed doing this, and I would have enjoyed it even more if I hadn't **slipped** over at the start. Talk about embarrassing!

Next we had to test our leg muscles. We had to put up our hand measure how tall we were, and then we had to jump as **high** as we could. I jumped 43 centimetres and the highest jump was 44 centimetres. Sport Science was my favourite activity because it was really **fun** and active.

Then we headed back to Lazenby Hall for lunch. It was good of the UNE to give us balloons, but next time, maybe not. It was absolutely **crazy** in there!

Our final event was the Chemistry **Magic** Show. It was a great experience. I loved the volcano, (it looked like a **worm**!) and I can't believe how the water changed colour when Peter Lye poured it into the cups. It was amazing!

I also liked how the strawberry milk became ice cream when liquid nitrogen was **poured** into it. It was nice of Peter and Andrew to hand out the ice cream, but as I said before I can't have anything with milk.

I liked everything; the **glow** stick liquid, the cornflour and water mix, the bore water and normal water that turned to ice, the **r o c k e t** and when the liquid turned purple when Andrew put in the secret ingredient.

My favourite part of the show was when Peter popped the balloons. We found out that the balloon which had two gases in it had a **louder** pop than the one with only one gas in it. Unfortunately, since we live a long way from Armidale we had to leave early, and missed the end of the show.

Science in the Bush was an **awesome** experience. It changed what I thought of science. I used to think it was boring, now I think it is sooo much fun. Thank you everyone, we had a great time!!

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