

December. 12

So i am going to use chat gpt for some ideas my goal this year is to not use AI but I think for this it'll be easier to use it I to give us somewhere of an idea it doesn't need to give us a whole topic but I think giving inspo is definitely a really good idea this is what we what AI came up with and some of the ones we decided to choose

Which Soil Is Best for Plant Growth?

Question: Does the type of soil affect how well plants grow?

Description:

You plant the same type of seeds (like beans) in different soils: sand, clay, garden soil, and potting soil. Keep the amount of water, sunlight, and number of seeds the same. Measure the height of the plants every few days for 3–4 weeks.

What You'll Learn:

How nutrients and soil texture affect plant growth.

Why It's Cool:

You can make charts and maybe even discover which soil works best.

Which Materials Are Magnetic?

Question: What types of materials are attracted to magnets?

Description:

Test different objects (coins, paper clips, plastic, aluminum foil, etc.) with a magnet. Record which ones are magnetic and which are not.

What You'll Learn:

About magnetic metals like iron, nickel, and cobalt.

Why It's Cool:

You can explain how magnets are used in everyday life.

Which Liquid Freezes the Fastest?

Question: Does salt water freeze slower than plain water?

Description:

Put equal amounts of plain water and salt water in the freezer. Check them every 30 minutes and record when they freeze.

What You'll Learn:

How salt lowers the freezing point of water.

Why It's Cool:

It connects to why salt is used on icy roads.

Which drink gives most tooth decay

This experiment tests how different drinks affect tooth decay by using eggshells as a model for teeth. Eggshells are made of calcium, similar to tooth enamel. We will place eggs in different liquids like soda, juice, and water for a few days and observe changes in color, texture, and strength. This helps show how acidic drinks can damage teeth and why water is a healthier choice.

These are all pretty good experimental topics we could choose

December. 17

Today i chose That I will not be partners with anum because I was her partner last year and I kind of want to try something new this year so I'm going to be partners with Adam I think we work well together and I think it'll be a very good decision we still have not decided our topic yet we have a couple of options though one of our options are how do dreams work I think this is a pretty good topic the topic but we also have better ones Like how to phobias work but we are looking towards this one that I think is better it's about eggs and our teeth you might be wondering oh how do eggs and cheese go together well basically this was supposed to be where we put eggshells in some drinks and everyday we take a picture of how the egg shells got stained or like if they're getting like a little more thin so yeah the extra shells are supposed to represent teeth I think we're going to do this one I think it's a very good topic we might not we both are looking really good into the topics to see which is best for us

Dec.20

Today me and Adam finally decided our topic it is which drink gives the most tooth decay we think this is a very good topic and it's pretty easy to follow up with we made a

really quick slideshow of it and we're going to start the experiment today when we get home we're going to be taking pictures every single day of how eggs look we also thought that at the end when we're done we're going to be swabbing at the eggs and put them in Petri dishes to see which drinks give the most bacteria to the egg me and Adam both started off by putting a variety of drinks in a cup and I'm dropping an egg in it we think this is a very good idea like I mentioned this idea will give us a high chance of getting in since it demonstrates how dirty our teeth can get over a a drink

Dec.27

So me and Adam are flopping this experiment this is not going well at all it's really disgusting and molding I don't have to throw away the milk because it started turning into like a jelly it was nasty and we did not feel comfortable picking this up with a spoon and taking a picture of it and it really was stinky So our drinks narrow down and we kind of forgot to do a couple of pictures I think it'll still be fine for now but it's not looking good.

Jan.5

Me and Adam decided to change our topic even though it's a very last minute decision and very hard to catch up I don't think we're going to get in at this point because we're

changing topics at the time when we're supposed to be done our presentation this is not a very good idea but we have to because we both throw away all of our drinks we did not feel comfortable swabbing it it's really disgusting the cocoa powder and water one had a very thick layer of mold it was nasty. We are going to talk to Mr Z to see what would be a really good quick decision topic we will update to see which topic we have chosen.

Jan.7

Me and Adam yesterday Talk to Mr Z And decided to topic and also started working already we have 12 slides we have really been locking in and our topic that we have chosen was between what our phobias and how does deforestation impact the environment we chose how does deforestation impact the environment but it wasn't the environment because Mr Z said We should choose on one specific area so we chose the Amazon rainforest since it has face deforestation before and it will have a major effect since many animals live there and also some indigenous tribes out there too me and Adam started talking about what is deforestation what is the Amazon rainforest the history behind it stakeholders and many other things.

Jan.12

I strongly believe that we have a chance of getting in because we have a lot of key information and we also have a lot of topics. But we need to focus a lot on our logbook. We had an idea about clay structures so we would basically do a rainforest when it's impacted with deforestation and when it's perfectly normal. I feel like this is a good idea because it's a visual. Me and Ahyana are very locked in so we won't turn back on a challenge. We are very excited for this opportunity and we hope we can get as far as possible. Right now we are trying to focus on the logbook because we are on a little bit of a schedule so we're just trying to get back on task. We have a lot of ideas that we could use to get us farther in the science fair. We have slide's done so we are on task for everything else except for our logbook so that is why I am starting that now. I honestly hope that I can at least make it to the cysf in the university of calgary. A method I use is study and research and once you gain enough knowledge and research you can type it up. I also believe that reading books about deforestation is a great idea for logbooking and for your slides. So far our topic is about how deforestation can impact the Amazon. I believe that this is a good topic because it's a major discussion and it's affecting many animals and people. That's what I have been studying for a little bit.

Jan.14

I was reading books about deforestation and I came to the realization that deforestation affects animal habitats because when trees are cut down animals live on there and they have to relocate to different trees which could be miles away many animals get killed on the way by their predators which ends in an upsetting matter. I didn't do a logbook yesterday so I might do more today. For our clay project the clay is air dry so it might not work as well but we are going to keep trying. After science fair club meetings I try to do as much logbook in the time we have. But so far I feel very confident with the topic we chose because it's very interesting leaving the learner wanting to learn more. Ahyana's brother is going to make the background of our slideshow unique and nice, making it visually good. So far we are at a stable spot to be in. I also decided to do the logbook digitally because I thought it would be more efficient. Everyday I am going to try to do at least one page of a logbook. Ahyana and I will do our best to find time to do some logbooking. Right now me and Ahyana are feeling ready and excited. For me it's my first time doing science fair and Ahyana did it in grade 5 so she has some experience. We are going to try and stay on task and finish assignments when they are due.

Jan. 18

Me and Ahyana were very busy the past 4 days so we didn't have a chance to get anything done, however today I am going to continue logbooking. Something bad

happened with the air dry clay! We didn't have enough so we decided to skip that idea because we couldn't get the resources in time. So we couldn't do it which was kind of upsetting because we wanted to show you the impact. I came up with another plan! We had an idea to make an enormous tree at the tippy-top of the trifold to make it stand out. Me and Ahyana have been planning to go to the library so we could make the tree and make the letters for our trifold.

Jan .21

Today i am going to the library to meet up with Adam and to work on our log book ok and the giant tree we thought about I am calling adam right now to discuss about what i should bring and what he should bring We decided that I'm going to be bringing like the pencil erasers and paint because we're making a big tree and he's going to be bringing a box so we can cut up a tree We decided to meet up at like 1:00 so we did But it was really hard because the closing time was 5:00 But the problem was is that my dad had to come late so we had to go later so that my dad said we would go at 2:00 which would already be a bit late but too bad and then he said he had to be late again so then he said that we were going to be there at 2:15 but he ended up coming at 3:00 so I arrived there at

like 3:25 it was not very good because we did not have much time to work on a tree we ended up doing it though. We got to the library and we worked on our tree we cut it out and painted it it turned out really good and then we went home and called and worked on our log book which is right now?

Jan. 23

Today I am going to my grandma's house and she promised to edit all 54 slides, after that our slides were neat and perfect. My grandma was a former teacher so she knows how to edit work and do proper punctuation and grammar. She mainly fixed our titles and helped us with different vocabulary suggestions, which was very convenient and helpful because we needed our slides edited. That day I also did a few slides when I was bored. I believe I did the carbon dioxide one and some of the animal ones. Then I wanted to write a logbook page about it. That is why I am logbooking now! I am really busy with the science fair today because I was logbooking and doing slide's for most of the day. Me and Ahyana find a way to split up the work evenly so we both get a say and we both do work together.

Jan. 26

Everyday it's getting closer to performance day. Ahyana and I are both anxious and excited at the same time. Personally I had to build the courage to perform in front of everyone on my time off. Me and Ahyana are both creative people so everyday we come up with different ideas to help us improve in the future. I really hope we get in because this is very important to me. I love science fairs and I will continue to do them. I personally learn new things about deforestation every day and it's a very fascinating topic to learn about. It will keep our audience engaged.

Jan. 28

Today I decided to go on money plant for display I think would look really nice to have like a real plant on our display it was not a brand new seed it was more of like a baby money plant that I'm putting in another pot to have it grow longer and be a good display I'm going to water everyday and take care of it until we present we are going to get our trifold in a couple of weeks or next week so we are trying to finish all of our slides so far I've really been enjoying doing this topic and I think we made a good decision. like Adam mentioned I also love doing science fair it's a really good thing and you learn a lot of new things

also growing my money plant is also going to probably have a meaning to it like if it stays really good we can say this is how like our environment or how treat plants would look without deforestation like for example with the deforestation air pollution happens or climate change happens in the plants will look good and if this plant ends up becoming kind of dead or brown we could say this is how plants would look like with the deforestation since and it would connect to our project really well so it's pretty good idea to have this money plant even though it's not a treat it's still it's a really good example

Jan.29

Today we had science fair Club and our grade 4 Mr hippie teacher helped us a lot he gave us a book recommendation called the great Kapok tree this book is really good because it talks about individual animals and how they get affected by deforestation which is one of the topics we covered throughout our science fair project he also kind of gave us more things we should talk about that would be important He was the one who gave us the idea to talk about indigenous and now that I think about it it's very good thing to talk about since many indigenous people live in forest and rely on the forest food and shelter. Mr.hippe also kind of edited our slides and pointed out

many grammar mistakes so that really helped us. He also told us some words we could exchange.

For example he said instead of saying because we could say this is because or instead of saying and we could also say also so he did help us a lot.

Feb. 1

Today I just decided to work on a logbook page so we could get a better mark for that so that is what I am doing now. Today we are going to talk about our slideshow we have finally finished our slideshow presentation with 67 slides which was a huge accomplishment because we worked quite hard on these slides I am glad it payed off we added important information and key images that we can explain well and it will give our audience a better understanding we also made graphs of the deforestation rate which I found interesting and valuable it shows the rate of deforestation clearly. We also made images of the animals that were going extinct because of deforestation. I am very proud of how our slideshow ended up and I hope we get in because of it. Our slides are backed up with more and more information that's what makes our slideshow educational and learnable.

Feb. 4

Me and Ahyana are focusing more on our logbook because everything else is mainly done. We are hoping to get the highest marks possible because me and Ahyana are serious about science fair. We are a competitive group and we would love to get in. Some things me and Ahyana need to do to get in is body posture when we are presenting. We also need to speak with a bold and understandable voice meaning no stuttering once so ever. We need to explain our topics with correct information meaning no lies. Explain every question with enough detail and enthusiasm so we can feel engaged in a discussion. It needs to flow perfectly, meaning knowing when to talk at the right time. Making sure at the end if anybody has questions we need to answer them appropriately and correctly.

Feb. 7

Right now I am logbooking because we need to finish it before we get our trifold. We are gonna make our trifold nice to look at so people can admire it before they learn. I think we should organize it neatly so it flows through nicely and we don't get stuck on who is talking because that could reduce a mark on the flow part of the rubric.

However the background of our presentation is really nice because it matches our topic. It's a green background with trees and I feel like that is going to look very vivid and nice on our white trifold. It will look more professional and organized. We are feeling quite confident with how we are going to lay out our trifold. I strongly believe me and Ahyana work well together because we get things done. We are both competitive players so we will strive our way to the ending.

Feb. 12

today is the day I'm going to bring my trifold home I'm going to get help by a classmate instead of her taking the bus she's going to walk with me home to bring this trifold home can we got home she helped me cut our letters because we had many many letters that were uncut she also helped me cut the pictures as well. She did not stay for long because she had to go home but she did help me a lot. After she left I started looking at different letter layouts to see which letter was the best then I decided to make it go across the trifold. I think it looked really nice. I also called Adam to see if it was good. He said it looks good. He was also giving me some advice since I brought the trifold home so he still wanted to help. We both simply decided on where we were going to put the pictures and paragraphs. It was a team effort this whole time.

Feb.13

Today I'm laying my slides to see which layout looks the best I was on call with Adam so he could tell me where to put stuff which helped me a lot actually Since we had so many slides it was kind of hard to make space for all of them it's still ended up looking really good with the pictures and stuff. I told my brother he could come help me tape. He helped me with a couple of slides just to tape them onto the trifold which still help me make sense. I was working on this alone because I brought the Trifles home. Adam was there guiding me telling me where to put them. I got most of it taped on. I just had a little bit more which I would just do at school. We are coming really close to presenting in front of classes which sort of makes me feel nervous, excited and anxious all at the same time. I have mixed emotions everyday.

Feb. 14

Today is a weekend and I have decided to do some logbooking! I came to realize that we are close to done on our trifold we are finishing up our last picture's and topics so on tuesday it will be DONE and ready to presentate, however we still need to practice reading our trifold to avoid stuttering and mistakes that will penalize our mark

which can affect so much! We will try our best to meet up at the library so we could practice presentate. I have already memorized some of the slides and a few of the pictures. I figured out how to explain an important graph which was quite important because it gives the audience a better understanding. The main thing that we need to work on is practice presenting so when we present it flows smoothly in the sense that we are not interrupting each other and our audience can hear our voices clearly. Body position is VERY important. Because if we don't have eye contact with the person that's listening or if we don't face towards them they'll be like oh my God they don't have any interest towards the audience they're just looking at the trifold which will not make them feel like it's a very good presentation or we practice the a lot. it's also a really big issue if we like stutter and not nervous stuttering but stuttering that goes like you don't know what you're saying.

Feb.26

Hello log book I forgot about this log book we had another one that was on paper we had a lot more on that one we thought we were going to have that one and one we were judging but we unfortunately lost it he looked a lot it was

gone we had so much on that paper log book we worked every day we did not miss a night the way our log book works is every night we work on it to see how the day went but unfortunately we lost that log book that had a lot in it. This was our digital logbook which was just in case we did lose it which we did not think of losing until it did get lost. After February 14th we completely forgot about this log book when the teacher asked us. Well let me update you on some stuff we presented with the teacher and got judged. Two teachers marked us Mr Z and Ms Kim. That day was kind of a handful since so many children came in and out with I believe that day was February 19th. We completely finished our trifold I'm actually very surprised how we did since Adam was absent on the two days or we had to practice our presentation so I was kind of practicing alone so everything we did when the teachers were judging us with kind of like something we came up with while we were presenting with the kids. I'm still upset that we lost our paper log book. Today in science fair Club the grade sixes were going to get announced of who got into science fair Mr Z could not choose one person since last year they made a rule where only four people from each school could go so now Mr Z is trying to choose to out of three people of his decision I'm very excited to announce me and Adam were one of the three people I really do give good luck to the other people who are in the three people since we know they tried really hard as well also the

people who did not get into science fair I know they also put a lot of work and hard effort into it they just did not get in. Mr Z told us that we need to fill out a couple of more things on our form for from me and Adam has been working really hard on the Form to get in to see why I said Mr Z said even if we don't get in to still fill out that form even though we don't know yet because if we do get in it's good to have it early and if you don't get in it's okay if you still have it in the form so we did that I also emailed Mr Z that we found our digital logbook and talked about how we finished our form except it if you can't submit the presentation part of the form unless you have a URL to a video of presenting it so me and Adam are going to meet up at the library day after tomorrow too Screen record our slides and present our presentation all over again I will update you when we go to the library that's it for now bye log book