

①

Title

What is your
project about?

②

Aim

Write a question
explaining exactly
what you are looking for.

③

Hypothesis

What do you think will happen? Explain the relationship between the two variables.

④

Equipment

Write a list of things that you will use in your project. Be precise!

5

Method

Write a procedure
explaining what you did.

Use commands!

6

Results

Can you use a table?

What happened?

What did you observe?

⑦

DISCUSSION

What else happened?

What interesting things did you notice?

What went wrong? What would you change next time? What else should be researched?

⑧

CONCLUSION

Why did your results occur?

Explain your results integrating your research to explain why it happened.

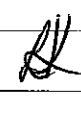
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Date	Time	Activity
11-03-10	9:25 - 11:25 am	In class, we revised the steps taken in a scientific investigation. We talked about doing an independent investigation in the area of 'The Five Senses'. We could choose to work with a partner or by ourselves. Our homework this week was to think about a question we could investigate. I chose to work with [redacted] as my partner.
14-03-10	11:55 - 12:05	[redacted] and I discussed on what we would test. We both liked to test the sense of sight. We agreed to discuss it on Wednesday Wednesday in computers.
17-03-10	2:05 - 3:25 pm	In the computer room, I researched topics and chose a suitable one. [redacted] was away on today. I checked with [redacted] to see if it was manageable to test at school. I decided to look at optical illusions.
24-03-10	11:36 - 11:40	Today, [redacted] and I decided on a question for a title. It is 'Is a boy and a girl equally vulnerable to optical illusion?' We also made an aim and I made my hypothesis.
30-3-10	2:25 - 3:25	At the computer room, we look up suitable optical illusions to make into a test. At first, I wanted to test two girls and two boys from each grade.

Date	Time	Activity	D
30-3-10 (cont)	2:25- 3:25 (cont.)	but [redacted] wanted to test at least fifty students. In the end we decided to test three ^{five ten} girls and boys from each grade over the 3-6. We are not going to test people with glasses. There will also be a time limit. ↓ Why not?	D
13-5-10	10:45- 11:25	Today [redacted] was away. I was meant to write up a hypothesis and give it to [redacted]. I researched some background information and wrote a hypothesis. After giving it to [redacted] she said that I had to rewrite it because ^{she} I had to be able to work out the aim without from the hypothesis without reading the aim. By that time, it was recess.	
17-5-10	3:00- 3:25	Finally [redacted] was here. We went outside and rewrote our hypothesis. We also settled how many students we were going to test and what equipment we needed. We were going to do the method but our teacher called us in.	2.1
18-5-10	9:35- 10:00	In [redacted], we discussed ways to set results. [redacted] and I decided to do a line graph on Microsoft Excel. We also discussed what format we wanted the questionnaire to be in, as well as where we were going to do the test. We changed the time the students are allowed to look at the illusion from 2 seconds to 4 seconds. Why have you chosen 4 secs?	24
20-5-10	2:50- 3:15	During [redacted] and I write ^{wrote our aim} changed our hypothesis and wrote a sample note note to all the	28.

	Date	Time	Activity
idents. l boys going se a			teacher in year 3-5. Our hypothesis ^{aim} is: to try and work out whether a boy ^{or a} girl of the same age group see & optical illusions best at first glance. Our hypothesis is: there will be very little difference between a boy and girl of the same group that we test at seeing optical illusions because everyone's eyesight is different. According to our our research of background information, there is little or no difference. Source - reference?
background Mrs had to without		22/5	Good, [redacted] Things are progressing well. You need to work out your rationale also. 
ewrote we We were s in.	2.6.10	2:23 - 3:00	Today we are finishing our letter for to all the teachers. We had to edit it to say that we could not have anyone with glasses, who is colour blind or has any other optical problems.
Rachel reel e	4.6.10 4.6.10	2:30 - 3:00	Today [redacted] and I handed it out our letters for [redacted]
going ents to ? Secs?	24.6.10	2:30 - 3:25	[redacted] and I made up our Rationale and showed it to [redacted]. She made us correct it and we debated over it whether to print out our optical illusions in colour or black and white. We decided on colour.
ed our u the	28.6.10	3:05 -	[redacted] and I have decided on whether to to print out

Date	Time	Activity	Date
28-6-10	3:20 - 3:25	our illusions in black and white. Our experiment has a few variables, which have been solved. 2. The distance away from the illusions, if the children have seen the illusions before and the size of the illusion. The distance between the students and the illusion is two metres and the size of the pictures have changed so that they are not as blurred and around the same size.	11-8-10 17-8-10
21-7-10	2:25-3:15	Today we started testing. We tested 5 girls and 5 boys from year five. So far, boys have had the most illusions right. Tomorrow we will continue to test year five five.	
22-7-10	2:25 - 3:15	Today [redacted] and I tested another 5 girls and 5 boys. We have finished testing year five. We cannot test tomorrow because of [redacted]. On Monday we will continue to to test if [redacted] is here.	23-8-10
28-7-10	2:45 - 3:15	Today I couldn't test because [redacted] was away.	
21-7-10	2:50 - 3:20	[redacted] was away again. I helped with [redacted] and [redacted] experiment.	24-8-10
5-8-10	2:50 - 3:20	[redacted] was finally here. We tested half of Year 4 and plan to finish of grade 4 at the next chance we get.	

	Date	Time	Activity
as rance the distance es rat e. rks ve will	11.8.10	2:10 - 3:15	Today we finished testing Year 4. So far, there has been little difference in results for a boy and a girl. We also noticed that the younger the student, the worse their results got.
girls ar PSSA if was	17.8.10	2:30 - 3:15	We tried to test all of year 3 but we didn't have enough time. We tested 10 people but we could only record nine. This is because the 8th person we tested, [redacted] told the 9th, [redacted] the answers which he got. This was made our results unfair so we decided to test him but not record them his results. We plan to take one extra person boy from another Year 3 class.
th of ak	23.8.10	2:15 - 3:20	[redacted] and I did not do any testing today, as we were analysing Year 5 and Year 4 students' results. This took the whole afternoon as it involves making graphs, importing tables, making a front cover and checking for any mistakes. We will finish our testing tomorrow.
	24.8.10	2:10 - 3:00	[redacted] and I finished testing the other half of year 3. As we did not have much time to finish everything, I will have to do the rest at home. That includes importing the graphs and tables and finishing the acknowledgments and bibliography.

Date	Time	Activity
25.8.2010	2:10 - 3:25	All we did today was edit and add in any additional things. Rachel came up with the idea of importing the optical illusions and adding a caption underneath. Our teacher, [redacted] approved of our [redacted] investigation so we printed it out.

Well Done! An excellent investigation! [redacted]