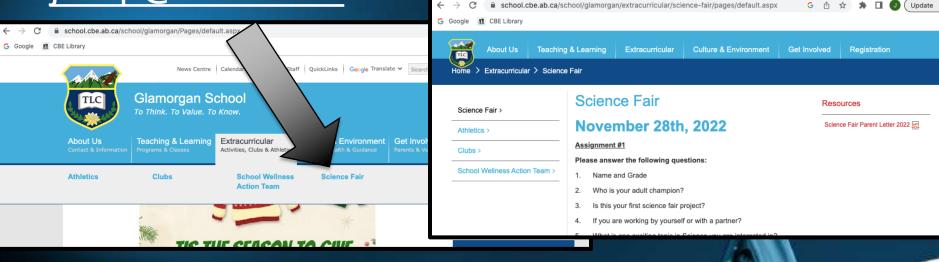
GSSF Meeting 3



GSSF website

Check regularly for notes, assignments and updates

• jmrip@cbe.ab.ca



Hypothesis notes

- Hypotheses need an explanation. Why do you think this has happened?
- Resources give you that background information that you need to explain your hypotheses.
- Brief feedback
- Check your Google Doc access settings

Other notes

• Ethics and due care: <u>required</u> if you are working with human or animal subjects

 If you are using plants come and see me right away

Experimental Procedure

- A step by step "recipe" for your experiment
- Should be detailed so that anyone could repeat your experiment
- What materials will you use?
- How will you change your independent variable and how will you measure that change (what units)?
- How will you measure the change in your dependent variable (what units)?
- Do you need a control group?

Replications

- Makes sure your results are consistent and not because of other factors
- Experiments need to be completed at least 3 times, more for plants especially
- When surveying people this number should be much higher

Materials list

- Included with the procedure
- A <u>complete</u> list of everything required to conduct the experiment
- Include quantities (ex: 50g of soil, 100 ml of water)

Research Procedure

- A step-by-step procedure <u>is not</u> required
- You will need a section on methods where you describe what information collected and what you plan using it for
- What will you be comparing (ex: different speeds of trains, cost of natural disaster damage, requirements for life in space)?
- How will you measure that comparison (what units)?
- How many sources will you need for each comparison?

Assignment 2

- Experiment: Write your step-by-step procedure
- Research: Write your Methods, what information you plan to collect and what you will do with it (5 sentences)
- Email your assignment to jmrip@cbe about
- Due on Monday, December 16.