

GSSF Meeting 3



GSSF website

- Check regularly for notes, assignments and updates
- jmrip@cbe.ab.ca

The image displays two screenshots of the Glamorgan School website. The left screenshot shows the main homepage with a navigation bar and a 'Science Fair' link in the footer. A large grey arrow points from this link to the right screenshot. The right screenshot shows the 'Science Fair' page, which includes the date 'November 28th, 2022', an 'Assignment #1' section with five questions, and a 'Resources' link for a 'Science Fair Parent Letter 2022'.

Left Screenshot (Homepage):

- URL: school.cbe.ab.ca/school/glamorgan/Pages/default.aspx
- Navigation: About Us, Teaching & Learning, Extracurricular, Environment, Get Involved
- Footer: Athletics, Clubs, School Wellness Action Team, Science Fair

Right Screenshot (Science Fair Page):

- URL: school.cbe.ab.ca/school/glamorgan/extracurricular/science-fair/pages/default.aspx
- Navigation: Home > Extracurricular > Science Fair
- Section: Science Fair
- Date: November 28th, 2022
- Assignment #1: Please answer the following questions:
 1. Name and Grade
 2. Who is your adult champion?
 3. Is this your first science fair project?
 4. If you are working by yourself or with a partner?
 5. What are you excited to learn in Science you are interested in?
- Resources: Science Fair Parent Letter 2022

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: *required* 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 **complete** 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 *is not* 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.ab.ca
- Due on Monday, December 16.

