Option Five: Communicating Science

The Task: To explain and communicate information about a scientific concept to a specified audience.

What to do:

- Present a science communication medium (Poster, PowerPoint Presentation, Short Science Film), a Scientific Notebook and a written report. (see below)

Your report (written or typed) should:

- Clearly explain the scientific concept you have chosen.
- Include your background research information, references and permission to use copyrighted material (if applicable)
- Identify and describe the target audience (examples could be: preschool students, aged pensioners without a scientific background, the general community)
- Talk about your choice of communication medium for your target audience. eg: “I made a game because children in Year 2 could play it as part of their lesson.”
- Explain how you designed your entry.
- The presentation must not exceed an A2 size (594 x 420cm).

For specific information about this project, refer to the “Griffith Uni” BOOKLET on their website

The Scientific Notebook

As part of the Science competition criteria all projects must be accompanied by a Scientific Notebook. This is very important!

- In the notebook, record the reason/s behind the project chosen. Perhaps pose a question to be investigated in the project.
- Like this:

  Monday 11th June
  I wonder why popcorn starts as a hard seed and by the time I eat it, it is soft and fluffy?

- Use the Notebook to record how the work progressed (including the disasters). The best projects engage the viewer (and judges) in the excitement and failures of the investigation!
- Include photos, diagrams, surveys etc. to record the process! Anything to explain what you have investigated/created! (Photos and drawings are great for lower year levels.)
- Record what was completed on different days. It should contain evidence of scientific thought. Remember to relate it to the topic outline.
- The notebook is your means of “talking to the judges” and your audience.
- Don’t forget to write a summary of what you have learnt/achieved as a result of your scientific work!
- Present your notebook in a neat, well presented format.

Make it easy for others to read. You can use computers and other IT to present this.

Mudgeeraba Creek State School Science Booklet 2015