



(Lower Primary and Primary divisions)

1. This section is for Lower Primary (Prep - 3) and Primary (4 - 6) students only. There is a maximum of 4 entries per school for each of these divisions.
2. The project **must** be based around the investigation of a hypothesis (question) through experimental research.
3. All students within the class must be involved in the project. It is advantageous for a project to investigate students' own hypothesis and/or experimental design.
4. The topic or theme is unrestricted **however**, students will be judged on the originality and creativity of the project topic as well as the quality of the science within the project.
5. A representative group of 4 to 6 students will need to present the class project on Judging Day.
6. **Country entrants** are strongly encouraged to attend Judging Day. Country entrants who cannot attend Judging Day are required to record a 5 minute video presentation answering the questions listed in the oral presentation section of the guidelines and a written report of no more than 250 words which explains the model. These should be sent along with their entry. **Please notify STAV via email that you will not be attending the Judging day.**
7. The class needs to be clearly identified eg. Victoria Primary School -Year 1, Class XXX
8. A complete bibliography must be included along with acknowledgment of any assistance from teachers and other adults. See page 23 of handbook for directions on referencing and layout.

Entry guidelines

The class project consists of four parts. **You must do all four parts:**

- The written scientific experimental research report
- A photographic poster
- A model and accompanying report
- An oral presentation on Judging Day (or a video for country entrants).

Each part should be presented according to the following guidelines:

Scientific Research Report

The research report must be written or typed following the existing guidelines for 'Writing an experimental research report' Lower Primary and Primary Division found on page 10 of this STS handbook.

- The report must be stapled or bound together with a cover or in a manila folder. **No loose paper or paper inside plastic sleeves will be judged. The Yellow Face Sheet must be firmly attached to the front cover.**
- Evidence of involvement of all children in the process must be submitted. This could include some rough copies, notes or drawings and diagrams made by students. This should also be included as part of the experimental research report.

- Bibliography and acknowledgment list for the whole project should be attached to the back of the Scientific Research Report.

Photographic Poster

- A minimum of 9 and a maximum of 12 photographs must be submitted as part of the poster presentation.
- Photographs must be securely mounted on minimum A1 sized poster paper. The poster must be easily transportable and easily carried by one student.
- All photographs must have captions.
- Photographs must show the progress of the research project and student involvement.
- Photographs must be taken by the students using either traditional or digital photography (students are not expected to process their own photos).
- The photographs can be in colour or black and white.

Model

- The model (working or informational) must relate to the experimental research work on which the project is based.
- The model must be easily transportable and able to be carried by one student.
- The model should be the work of the children. Any assistance that the children receive in building and designing the model must be clearly acknowledged.

Oral Presentation

- This will occur on Judging Day and a small group of 4-6 children representing the class need to attend and present their entire project at a designated time. The STS section co-ordinator will advise the time.
- Children will be asked questions about their project to demonstrate their understanding. The questions may include but are not limited to:
 1. What science have you learnt from doing this research project?
 2. When doing experimental research what important skills must you use?
 3. What information are you showing in your photographic poster?
 4. How does your model relate to your research project?
 5. How was the workload distributed amongst the members of your class?

Metropolitan schools must take their projects to Judging Day at Santa Maria College, Northcote with their group representatives on Saturday 14 August 2010. **Schools with Class Project entries will be contacted prior to judging day and be allocated a judging time.** Schools will be notified of their results in the first week of term four.

[Class projects are not eligible for entry into BHP Billiton Science Awards.]

All guidelines should be followed to avoid being disadvantaged during judging.