

Science Photography

(All Divisions)

In this section you are asked to submit photographs which record some scientific event or illustrate some scientific phenomenon. You may submit between three and six photographs, which must be linked by a common theme. Be careful to prepare prints that are suitable for display. Your topic may be based on **any** scientific theme or you may use the theme for this year.

Prints that indicate cruel or dangerous procedures have been used, will not be judged.

✓ Tick that you have satisfied each of the guidelines below.

Entry guidelines

Students must submit their prints, **and** original images or negatives and a written report according to the following guidelines. The entire entry must be presented in a **document wallet** with a copy of the Yellow Face Sheet attached to the back.

Prints

- ☐ Submit only 3 – 6 photos.
- ☐ Each print must be separately mounted on thick card (not paper) no bigger than A4 size. Professional mounting is not required. Prints are for display. Book, poster and collage format are not allowed.
- ☐ Each separately mounted print must include:
 - Title on the front
 - a caption on the front that explains the scientific relevance in 1-2 sentences
 - the student's name(s) and school on the front
 - labels on the back of all parts of the entry, with photographer's name, school and STS code.
- ☐ Photographs must be taken by the entrant using a traditional or digital camera (with traditional photography students are not required to develop their own photos). Any enhancements to photographs either digital or traditional must be done by the student.
- ☐ Images **cannot** be taken from other print or electronic sources.
- ☐ The official yellow face sheet must be signed by a teacher **and/or** parent/guardian. Without this signature verifying originality the entry will not be eligible for a bursary. (The face sheet is sent to schools after entries are received).

Original images

- ☐ **Digital Photography:** all original, unaltered images must also be provided on **ONE** separate A4 sheet of paper as part of the explanation of the process undertaken, regardless of whether you altered the final images.

- ☐ **Traditional Photography:** the negatives must be supplied (attached to one A4 sheet of paper).

Written report

- ☐ The entry must include a written report following the guidelines below and not more than 800 words. Entries without reports will not be eligible for a bursary.

This report should be set out as follows:

- **Aim** - State clearly what you intended to do in terms of your topic and the photography.
- **Method**
State clearly how you set up and took your photographs (images). Include information about the type of camera, other hardware and software you used and how you altered the images (if relevant).
- **Scientific Content** - Describe the scientific principles or ideas you are displaying in your photographs and the relevance of the particular photographs you have selected.
- **Bibliography/Acknowledgements** - see page 23

- ☐ The report and mounted photographs must be presented in a **document wallet** with a copy of the completed Yellow Face Sheet firmly attached to the back.

On Judging Day

- ☐ Students need to be prepared to discuss their entry with a Judge. An understanding of the scientific content of the photographs and explanation of techniques used to produce the photographs will be the focus of the discussion.

When assessing entries judges look at the following criteria:

- a. all handbook guidelines for photography have been followed
- b. explanation of the scientific topic/theme
- c. **scientific relevance** of photographs
- d. technical skill in producing the photographs
- e. dramatic impact and presentation.

JUDGING DAY FOR PHOTOGRAPHY

Saturday 8 August 2020

Parade College,
1436 Plenty Rd, BUNDOORA

Country entrants may send their photos for delivery to STAV House, Coburg by 17 July. However, country entrants are **encouraged** to attend Judging Day with their photographs to discuss their entry with Judges.

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