



Years 7-12 Question - Solargraph Competition

The solargraph should be taken on the 23rd March which is World Maths Day. The solargraph could be for one day on the 23rd March day or could be over several days, so long as the 23rd March is one of these days.

Judging criteria:

- Clarity of image
- Overall appeal (Composition of image – be creative)

To enter: Scan your image (negative or photoshop enhanced) and email your entry to gamt@gamt.qld.edu.au (ask your teacher to help you)

A solargraph represents the path of the Sun over a day or several days, weeks or months. Solargraphs are made using a pinhole camera and Ilford's photographic paper.

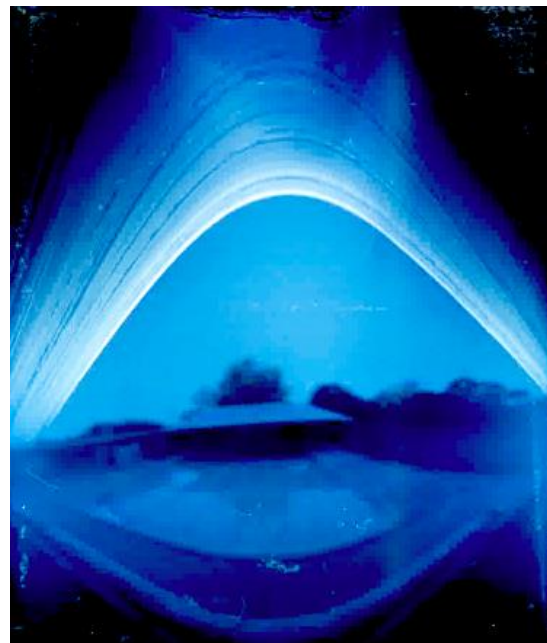
Instructions for making a solargraph and processing the negative with photoshop, plus further information can be found at the link below.

https://www.youtube.com/watch?v=3_jTBQhF6IU&t=13s

Below are several solargraphs. To make a solargraph visually appealing, considerations should be given the choice of location, so that the foreground objects add to the overall appeal.



One day solargraph made on Mother's Day, 13th May 2018. The solargraph has a block of flats in the foreground.



Three month solargraph showing the path of the Sun during that time. Note the dark breaks in the graph which represent cloudy or rainy days. The solargraph has the St Ursula's pool in the foreground.



A one day solargraph of the Sun rising and setting over St Ursula's College Chapel in Toowoomba during the month of May in 2018. Breaks in the solargraph represent thick cloud cover.



A novelty solargraph made with a Death Trooper from Star Wars fixed in the foreground. The solargraph was taken in December 2017 so the maximum altitude of the Sun is out of the field of view.