

2017 WITT TARANAKI SCIENCE AND TECHNOLOGY FAIR INFORMATION SHEET FOR TEACHERS

MONDAY 7th – WEDNESDAY 9th August 2017
Entries close on Wednesday 5th July

PUKEKURA FUNCTION CENTRE, NEW PLYMOUTH

SECTIONS

Scientific Investigation
Scientific Journalism
Photographic Section
Water Rockets

Technological Development
Observational Drawing
Advertising Poster

LEVELS: 1. Years 7 and 8 2. Years 9 and 10 3. Years 11, 12 and 13

Most sections are divided into the above three levels.

In the Scientific Investigation, Years 7 & 8, and 9 & 10 may be divided into separate levels or combined at the Committee's discretion, depending on entry numbers. The Advertising Poster is for Levels 1 and 2. The Water Rocket Challenge is in one division.

SCIENTIFIC JOURNALISM TOPIC: "Should New Zealand become more involved in the Space Industry?"

NOTE: - Write an article that discusses the topic above. The article should be 500 - 3000 words. The Student's Name, Year Level and School should be written on the top of the first page of the work.

SCIENTIFIC PHOTOGRAPHY TOPIC: "Chemical reactions."

Please ensure that photographs submitted have a reasonable resolution and are printed on photographic paper. Low resolution, and those printed on non-photographic paper will not be accepted for judging. You will need to provide evidence of where, when and with what device your photo was taken, as well as how it relates to the topic. Please mount that information and your photo on an A4 card, together with a white sticky label attached to the front on the lower right side with Your Name, Year Level and School. **Photos to be no larger than A5.**

OBSERVATIONAL DRAWING TOPIC: "Seeds."

These are to be scientific observational drawings, with no shading. Dots and lines are allowed. The drawing must be done in pencil on A4 paper, with the specimen's name(s) printed in the lower left corner. **It should be drawn directly from the observed object(s).** A scale must be shown. The drawing should be mounted on BLACK paper 330 x 240mm. One entry per student. The Student's Name, Year Level and School should be on a white sticky label attached to the front of the mounting on the lower right side.

ADVERTISING POSTER THEME - "Farm Safety."

Use the above theme to advertise this year's fair. The A4 sized poster must include "Taranaki Science & Technology Fair" and the Location and Date. It must be **hand-drawn**. Posters produced with the aid of a computer will not be accepted. Your Name, Year Level and School must be on a white sticky label attached to the front of the poster on the lower right side and please put this inside a blank 20mm margin on the bottom of the poster. **Posters to be unmounted.**

SPECIAL CATEGORY: WATER ROCKET CHALLENGE.

This entry involves making a water rocket using fizzy drink bottles (Coca Cola, Sprite etc). Any sized bottle(s) can be used but must be designed to withstand pressure. All rockets will be fired from a launcher at the same pressure and trajectory. Contestants will decide on design, and how much water (if any) they will add to the rocket before launching.

The rockets need to be checked in with Athol Hockey at the La Mer Lounge by 9.15 am on Tuesday 8th August.

AN IMPORTANT MESSAGE FOR TEACHERS!

Please make sure ALL teachers involved receive this information

The **final date** we accept entry forms for all sections is **WEDNESDAY 5th July**.

NOTE – this is the last week of Term 2. Please observe this date as we have strict printing deadlines.

ENTRY LIMIT - Because of the number of entries, and because we wish to maintain a high standard of quality of entries, we are forced to limit each school to no more than 40 entries for each of the sections of the Fair at each level, except for the Water Rocket Challenges where you are limited to 15 entries per age group (intermediate and seniors).

This year there are 3 entry forms, A4, A5, and Bulk

A4 - for Scientific Investigation and Technological Development.

A5 - for Photography, Journalism, Observational Drawing, Advertising Poster and Water Rockets.

Bulk - can be used instead of a bunch of A5 ones.

Please ensure that each student's name, year level and school are on a white sticky label as outlined in the Entry Details pamphlet for Photography, Journalism, Observational Drawing and Advertising Poster exhibits. Steam car labels are issued at the Fair in the La Mer Lounge.

EXHIBITS IN THE PHOTOGRAPHY, JOURNALISM, OBSERVATIONAL DRAWING AND ADVERTISING POSTER SECTIONS need to arrive with entry forms by Wednesday 5th July.

EXHIBITS IN THE SCIENTIFIC INVESTIGATION AND TECHNOLOGICAL DEVELOPMENT SECTIONS:
The students bring their actual exhibit/display along on Monday 7th August between Noon and 4.30 pm, or on Tuesday 8th August between 8.00 and 9.15 am.

ROCKETS need to be checked in with Mr Hockey at the La Mer Lounge by 9.15 am on Tuesday 8th August

NOTE: No students need to be present for project judging, but Water Rocket Challenge students will need to be there with their rockets. You may wish to visit Puke Ariki on Tuesday 8th August if you are bringing students in from out of town to set up their projects..

Please carefully check all of the entries you send in. I often have to contact students in the holidays to check or confirm details so will you please make certain there is a holiday contact on the form. School phone numbers as contact numbers are no use in this situation.

Is everything filled in correctly and legibly?
Is the correct year level circled?

Is the category correct (use enclosed material to help)?
Do all entries adhere to the criteria of each section?

If you have any queries about entry details please contact:

T.E.Stowers eMail - taranakiscience@gmail.com

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JUDGES & COMMITTEE MEMBERS– We need more Judges and we would also welcome people who could help on the Committee and on the Tuesday of the Fair.

For more information, please contact Terry Stowers, Ph 769 9096 eMail: taranakiscience@gmail.com

WITT Taranaki Science and Technology Fair on the net.

Extra entry copies of the entry form can be downloaded from our Facebook page

The **NEXUS** site: "www.NexusResearchGroup.com" has useful information and links to many great project ideas, and extra copies of the entry form can be downloaded from there too.

Please do take the opportunity to bring your classes to the Fair on Wednesday 9th August. The Fair will again be open for Public viewing from 6.00 pm till 9.00 pm on Tuesday 8th August.