

# 2018 WITT TARANAKI SCIENCE AND TECHNOLOGY FAIR INFORMATION SHEET FOR TEACHERS

MONDAY 6th – WEDNESDAY 8th August 2018

Entries close on Wednesday 4th July

PUKEKURA FUNCTION CENTRE, NEW PLYMOUTH

## SECTIONS

Scientific Investigation  
Scientific Journalism  
Photographic Section  
Water Rockets

Technological Development  
Observational Drawing  
Advertising Poster  
Robotics

## 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 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 and Water Rockets are for Levels 1 and 2. Robotics sections to be confirmed.

**SCIENTIFIC JOURNALISM TOPIC:** "What changes, both by individuals and society, do you think are necessary to achieve zero waste by 2021 in the Taranaki region?"

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:** "Aspects of the Water Cycle."

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:** "Flowers."

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** - "Riparian planting."

Use the above theme to advertise this year's fair. The A4 sized poster must include "WITT 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.

**ROBOTICS** – Details at [www.focus-consultancy.co.nz](http://www.focus-consultancy.co.nz)

***The rockets and robots need to be checked in at the La Mer Lounge by 9.15 am on Tuesday 7th 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 4<sup>th</sup> 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 Rockets where you are limited to 15 entries per age group (intermediate and seniors). Robotics limits to be confirmed.

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..

EXHIBITS IN THE PHOTOGRAPHY, JOURNALISM, OBSERVATIONAL DRAWING AND ADVERTISING POSTER SECTIONS need to arrive with entry forms by Wednesday 4th July.

EXHIBITS IN THE SCIENTIFIC INVESTIGATION AND TECHNOLOGICAL DEVELOPMENT SECTIONS:  
The students bring their actual exhibit/display along on Monday 6th August between Noon and 4.30 pm, or on Tuesday 7th August between 8.00 and 9.15 am.

ROCKETS and ROBOTS need to be checked in at the La Mer Lounge by 9.15 am on Tuesday 7th August

**NOTE:** No students need to be present for project judging, but Water Rocket Challenge and Robotics students will need to be there with their rockets and / or robots.

**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**

**WITT Taranaki Science and Technology Fair**

**51a Maratahu Street**

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**Ph 769 9096**

**Mob 021 418 194**

**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

This site: "[www.focus-consultancy.co.nz](http://www.focus-consultancy.co.nz)" 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 8th August. The Fair will again be open for Public viewing from 6.00 pm till 9.00 pm on Tuesday 7th August.