



2019 WINNERS NEW ZEALAND YOUNG SCIENTISTS' TOURNAMENT

NZ team to compete in the 7th IYNT in Minsk, Belarus

The following people have been chosen to represent NZ at the 2019 IYNT:

Ryan Bright - Wellington High School

Heeseo Kim - Kristin School

Matthew Griffiths - Auckland Grammar School

Ryaan Sidhu – AGS

Lydia Acton - Wellington High School

Rhiannon Mackie - HVHS



2019 Prize winners:

1st - Auckland Grammar
School

2nd – Kristin School

3rd – Wellington High
School

Pre-register for 2020 now:
www.nzyoungscientists.com

CONTACT

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MARCH 16TH – 17TH 2019

NEW ZEALAND YOUNG SCIENTISTS' TOURNAMENT

Past experiences...



During the first round we learnt how to work efficiently as a team during a science fight, different members taking notes to pull together an opposition or review presentation in the few minutes of preparation time.

— Millie, NZ IYNT 2018

"It was the hardest I've ever worked, but I think it paid off pretty well! (we came first). What I am most grateful for however, is the knowledge and skills I have obtained from doing this; they far outweigh any gold medal."

— Sai, NZ IYNT 2017



Experiences 2019...

"Just wanted to touch base to congratulate you and the committee on an awesome event – it was great to see the students so engaged and obviously having really worked hard and spent a lot of time preparing themselves with the Science problems. As a first timer to this type of formatted science competition I was absolutely delighted to see how it both challenged and enthused the participants and thoroughly enjoyed the opportunity to be on the jury. Hat off to you all for your tireless efforts to put this together, it undoubtedly has a significant impact in promoting and highlighting science to our young people. All the best"

Dr Anne Ryan. Director, Hutt Science

Accolades



NZ ChiefSciAdvisor
@ChiefSciAdvisor

Huge congrats to the NZ team who won bronze medals in the International Young Naturalists Tournament in Tbilisi, Georgia earlier this month. This is a World Championship for Science for under 17s - thanks to teacher Murray Chisholm for the picture :-)



5:45 PM - 26 Jul 2018

2019 NZ Young Scientists' Tournament Problems

1. Sunflower spirals

Patterns of seeds in the head of a sunflower have a very specific geometric structure. How can one describe and explain such a structure? What other plants demonstrate similar geometric patterns in their leaves or seeds?

2. Burning glass

Propose and test various methods to start a fire with a magnifying glass.

3. Smells

Smells spread through the air, however it would take some time before a human nose is able to detect the smell. Study different aspects of odour diffusion and sensation of odour by humans.

4. Fading in sunlight

Printed pages fade in direct sunlight, especially if certain types of ink and paper are used. Propose quantitative parameters to study the prolonged exposure of ink and paper to sunlight.

5. Elastic bones

Chicken bones kept in acidic conditions for a few days become elastic. Perform such an experiment in controlled conditions and investigate what components of bones are responsible for their mechanical properties.

6. Yeast

Investigate the rate of the multiplication of yeast at different temperatures.

7. Moon

The apparent size of the Moon perceived by an observer depends on multiple factors. Investigate these factors and their role.