



2018 NATIONAL MATHEMATICS TALENT QUEST WINNERS

FOUNDATION CLASS

Money Maths

Class – FEC, Milgate Primary School – Vic

FOUNDATION GROUP

What makes a ball roll fast?

Emily Shelly, Ryan Yin, David Hu, John-Paul Rachkidi, Marissa Chuah, Arden Anglican School – NSW

YEAR 1 INDIVIDUAL

Is it time for a change? School vs sports uniform

Saskia McDonald , Arden Anglican School – NSW

YEAR 1 CLASS

War on waste at Santa Sabina

1 Carr-McKelvey, Santa Sabina College – NSW

YEAR 2 INDIVIDUAL

Why can't I afford a mobile phone yet?

Sanna Medina, Penleigh and Essendon Grammar School – VIC

YEAR 2 CLASS – HIGH COMMENDATION – USING INVESTIGATIONS TO IMPROVE ENVIRONMENTAL SUSTAINABILITY

2M's environment and resources MTQ

2M, Balwyn North Primary School – VIC

YEAR 3 INDIVIDUAL

Is left best?

Finn McDonald, Arden Anglican School – NSW

YEAR 4 GROUP

Maths for good: investigating fundraising

Anabel Touma, Lisa Geddes, Santa Sabina College - NSW

YEAR 5 INDIVIDUAL

Future prices of gold and oil. Which will be more valuable?

Matthew Shing, Mentone Grammar – VIC

YEAR 5 GROUP

Buying vs Growing

Isabella Solarte, Poppy McDonald, Windsor Primary School – VIC

YEAR 6 GROUP

How much would it cost to design, build and run a school for a year?

Kiki Stevens, Frankie Birkett, Sophie Johnson, Port Melbourne Primary School – VIC



YEAR 7 INDIVIDUAL

Can I pass my Yr 7 NAPLAN numeracy test by guessing?

Jed Hoo, Brisbane State High School – QLD

YEAR 7 GROUP

Behind the broom

Genevieve Boardman, Keira Grover, Princes Hill Secondary College – VIC

YEAR 8 INDIVIDUAL

Measurement mathematical report

Madeline Walker, Walford Anglican School for Girls – SA

YEAR 8 GROUP

High Ground

Ned Olsen, Daniel He, Hamish McColl, Viewbank College – VIC

YEAR 9 INDIVIDUAL

Rock Bottom

Joshua Choong, Tintern Grammar – VIC

YEAR 9 INDIVIDUAL – HIGH COMMENDATION – CREATIVE AND EFFECTIVE USE OF CODING TO SOLVE A PROBLEM

Mathematical modelling of stormwater pumping

William Johnston, Trinity Grammar North – SA

YEAR 9 GROUP

Whatever floats your house

Julia Kent, Alison Capper, Jacqui Shallcross, St Hilda's Anglican School for Girls – WA

YEAR 10 INDIVIDUAL – HIGH COMMENDATION – EXCELLENT USE OF PRACTICAL ACTIVITIES TO GENERATE MATHEMATICAL RULES

Mathematical model for a radioisotope

Kevin Su, Australian Science and Mathematics School – SA

YEAR 10 GROUP - HIGH COMMENDATION – EXCELLENT USE OF SYSTEMATIC REASONING

The Monopoly Game

Shemara Karunaratne, Dimitra Karkaloutsos, Gabriel Callado, Northside Christian College – Vic

YEAR 12 INDIVIDUAL

How long is my toilet paper roll?

Thomas Wu, Queensland Academy of Science Mathematics and Technology – QLD

YEAR 12 INDIVIDUAL – HIGH COMMENDATION – HIGH LEVEL OF UNDERSTANDING OF COMPLEX ABSTRACT IDEAS

Maths analysis of fifth international maths Olympiad problem 2017

Steven Zhang, Glenunga International High School – SA