

# MATHS TALENT QUEST INVESTIGATIONS

## 100 INSPIRING TITLES

24 Dice

2KW's gumboot maths

A day with Grandpa

A road trip around Australia

All about apples

Anika's inquiry into the most popular lunch order in Prep

Bees maths

Can I be a sports star?

Can we use mathematics to help us understand the size of the solar system?

Car spaces

Catch it!!! A feasibility study for removing plastic waste from the world ocean

Creating magic squares

Disability education

Do different parachutes affect the speed with which an object falls

Does the body respond differently to sugar being eaten in different ways

Does your body affect your results in sport?

Doggy doughnuts

Domino topple time

Exploring the number 9

Factors affecting running speed

Famous flying fox

Farm gate to plate

Fibonacci numbers in nature

Footsteps

Fruit salad

Guitar frequency

Having a winning chance

How big is a dinosaur?

How can we celebrate 100 days of school?

How fast is Usain Bolt?

How has the speed of the 100m sprint changed over 120 years?

How many books read in a week-children v adults

How many mountains reach space?

How many Rubik's cubes fit into the classroom?

How many squares on a chessboard

How much money does it cost to own a bakery and what are the appropriate prices compared to the supermarket?

How much money would it cost to build and run a successful taco truck for one year?

How much sleep do I need?

How much would it cost to live on the moon for one year?

How wheel size affects the speed of the bike

I don't want to be late for school anymore!

If a fidget spinner were a planet, how long would a year/month/day last, when compared to earth?

Investigating the colours in boxes of smarties

Investigating the golden ratio

Is hot dog day worth it?

Jetski's canteen

Knot theory

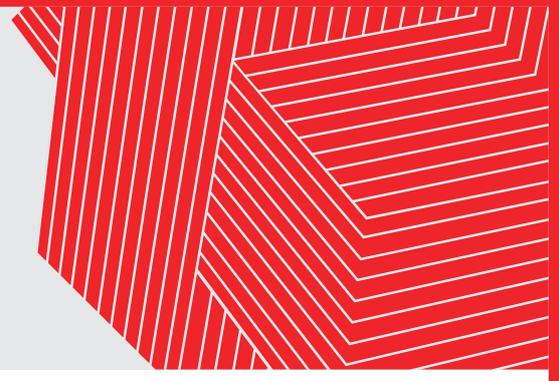
Let's have a party

Lucky charms and unlucky theories

Lunch box maths

Main mode of transport to school

PTO



Mathematical murder mystery – a wonderful combination of literature and mathematics
Maths in windmills
Missing teeth
Most popular after school activity
Nerf dart analysis
Nude food
Olympic world records, can they be beaten?
Olympics-the hidden statistics
Paper planes
Pounding pulses
Raising a platypus for one year
Rubbish is everywhere
Shapes, patterns and tessellation
Sharp shooter goal kicking accuracy
Show me the money
Sinking into submarines
Slime jump
Sports articles in the newspaper
Tall towers
The 4 little pigs
The algebra behind maths tricks
The average grade 5 and 6 shoe
The block-playground edition
The butterfly effect
The increase in the earth's temperature
The key to the perfect bottleflip

The numbers of Uluru
The Rapunzel braid
The show must go on! Can Prep PR save the circus?
The value of bottle caps
The very hungry caterpillar
The walkathon
Toad maths
Toilet flush
Travelling to high school
Uniform combinations
Using measurement and coding to make a robot's path
What are the effects on housing if the Australian population lived in Melbourne?
What are the patterns in multiplication?
What fractals can be found in nature?
What is the average AFL player?
What is the best D.I.Y. homemade boat?
What is the math in taking a perfect selfie?
What maths can we find from reading The Very Hungry Caterpillar?
What will humans look like in 1,000 years?
When an iceberg melts, how does it affect earth?
When the Preps went to the house of the bears
Which petrol is more economical: 91, 95 or 98?
Who hurts themselves the most: first, second or third children?