

G.A.T.E.WAYS has pleasure in inviting gifted and talented

PREP CHILDREN TO A 'FESTIVAL OF WORKSHOPS'

at Brighton Grammar Middle School

MONDAY 11 DECEMBER and TUESDAY 12 DECEMBER

9.15 am to 3.00 pm

PROG	Monday 11 December, 2017	PROG	Tuesday 12 December, 2017
1	AM: Mice are Nice when Served with Rice! (L) PM: Trouble in Tidytown! (P)	1	AM: Tiny Tam has Tremendous Troubles (L) PM: That's Nonsense! (L)
2	AM: Trouble in Tidytown! (P) PM: Mice are Nice when Served with Rice! (L)	2	AM: That's Nonsense! (L) PM: Tiny Tam has Tremendous Troubles (L)
3	AM: Wow Wee! The Bugs You'll See! (S) PM: Need for Speed (M)	3	AM: The Day I Met Victor the Vet (S) PM: Code Breakers: Case of the Missing Diary (M)
4	AM: Need for Speed (M) PM: Wow Wee! The Bugs You'll See! (S)	4	AM: Code Breakers: Case of the Missing Diary (M) PM: The Day I Met Victor the Vet (S)
5	AM: Top Spinners! (S) PM: Scooby Dooby Doo Who-do-ku (P)	5	AM: Ding Dong, Ding Dong! (T) PM: Splat! (S)
6	AM: Scooby Dooby Doo Who-do-ku (P) PM: Top Spinners! (S)	6	AM: Splat! (S) PM: Ding Dong, Ding Dong! (T)
7	AM: Monkey Brothers Misbehave (T) PM: The Case of the Stolen Dinosaur Egg (\$3 levy)(S)	7	AM: The Toy Maker's Apprentice (\$3 Levy) (T) PM: There's a Cheeky Little Bug (S)
8	AM: The Case of the Stolen Dinosaur Egg (\$3 levy)(S) PM: Monkey Brothers Misbehave (T)	8	AM: There's a Cheeky Little Bug (S) PM: The Toy Maker's Apprentice (\$3 Levy) (T)
9	AM: It's Bear Time! (L) PM: Dear Mother Goose (L)		
10	AM: Dear Mother Goose (L) PM: It's Bear Time! (L)		

(A) Arts: Creative or Performing (T) Technology (S) Science (M) Maths (L) Language and Literature (P) Problem-solving

Please choose one program only. Workshops cannot be mixed and matched.

The fee is \$100.00 per day.

Enrolments open Monday, 23 October.

Enrolment Procedure:

1. Go the G.A.T.E.WAYS website www.gateways.edu.au and follow the links to 'Parent Enrolled Programs' on the Home Page. Select 'Festivals'.
2. Click 'Enrol' next to Existing Account Holder OR 'Register' next to New Account. Please do not create a new account if your child has attended G.A.T.E.WAYS in the past.
3. Complete fields then click 'Continue to Program Selection'.
4. Check the box under 'Select' for the festival required, then 'Continue to Unit Selection'.
5. Select 'Enrol' for the days required. Only programs with availability can be selected.
6. Select a program and then 'Continue to Home Address'. Complete all fields and proceed to payment page.
7. If you require assistance please phone G.A.T.E.WAYS on 03 9894 2116

PREP FESTIVAL WORKSHOPS

Please bring a notebook and a well-stocked pencil case with a grey lead pencil, coloured pencils, a capsule sharpener, ruler, bright textas, scissors and glue. Also bring along any additional materials listed for your program.

MICE ARE NICE WHEN SERVED WITH RICE with Rachel Holkner

Mice are nice when served with rice?! Some rhymes just shouldn't go together! What would the mice think of that? Well it would depend if they were a pal or a pest, a friend or a foe. All the mice of popular stories will be skittering about our ankles in this workshop. Brave Reepicheep, Stuart Little, Despereaux and probably even Two Bad Mice. We'll see if we can get them to sit still for a moment and answer some questions. Why do they prefer the dark? What's with all the squeaking and running up clocks? Get your rhymes together as we explore Mouse World and bring back a souvenir or two. Hmm... now what word do we use to ask politely for cheese?

TROUBLE IN TIDYTOWN! with Annette Subhani

Messy Cop Matilda is well known in the force for making a mess of anything she touches. But this time her messiness threatens to wreak havoc on the streets of Tidy town. Unfortunately, Matilda has misplaced all the town's new signs that have just been delivered...and the old ones have already been destroyed! Street signs, speed signs, warning signs... all gone! There's going to be chaos on the streets! She desperately needs help and it's a job for a whole team of experts! We'll need to unjumble and interpret symbols, create a system of signs, decode paperwork and draw on our mapping skills to help plan a brand new system of signs around the town. If you're good at problem solving and up for a challenge, join our team of experts to see if you can help Messy Cop Matilda before Tidy town finds itself in trouble!

WOW WEE! THE BUGS YOU'LL SEE! with Jesse Chambers

*Look a little closer and you'll find, a habitat smaller than that of our kind.
Where crickets chirp and beetles crawl, open your ears can you hear them call?
But on the way, who'll lead us there? He's not a bug, he has more hair.
Fancy that, it's a cat in a hat, who as you'll see,
Will guide us in our search for entomology.*

In this workshop, our furry feline friend will help us to construct a web of information about minibeasts, including what they are and how they can help humans. Along the way we will discover what makes garden-variety bugs so special: from busily buzzing bees and super strong ants that can lift many times their own body weight, to crickets that can tell the temperature. Though they may be small, this is sure to be one big, ecological adventure!

NEED FOR SPEED with Jenny Lee

Usain Bolt is a Jamaican sprinter who holds the world record for the men's 100 metre sprint. His speed is amazing ...but how do you think he'd fare if he was racing against different land animals? Do you think he could outpace a cheetah, a rabbit or even your pet cat? What if he raced against other sprinters but the length of the race depended on your height? Would that make a difference? Join us in this maths workshop as we compare the top speed of various four-legged animals and explore surprising facts about speed, distance and proportion. Let's get racing! On your marks, get set...go! **Please bring a ruler.**

TOP SPINNERS with Tim Byrne

Spinning tops are fascinating toys that have survived the test of time. They are at once both simple and complex. Join us as we explore the world of spinning tops. What makes them spin, stand, wobble and fall and how can they create interesting effects? Grab some equipment and we'll create some different types of spinning tops including buzzers, sleepers, hoppers, colour-changers and even tops that can draw. We'll experiment with their size, weight, colour and shape and discover that, just like a bike or the planet earth, they rely on spin to remain stable. There'll be lots of tips to make tops so get your spinning fingers ready and discover how spin helps the world go round and round and round and round. **Please bring a CD and a spinning top from home to share if you have one.**

SCOOBY DOOBY DOO WHO-DO-KU with Narelle Wood

The diamond of Crystal Cove has been stolen. Left at the scene of the crime are some footprints, fingerprints and an orange scarf. The problem is that there were at least nine people all seen in the area at that same time! Fortunately, Thelma, Scooby and Shaggy have managed to find a way to work out who was where and at what time. All that is left for you to do is sift through the clues and solve the puzzle. The correct combination will unlock the key to who is the diamond thief of Crystal Cove. And they would have got away with it if it wasn't for those meddling kids!

MONKEY BROTHERS MISBEHAVE with Mark Maxwell

The director of the zoo is tearing his hair out. Two of the zoo's most popular animals, the monkey brothers, Akira and Zuba, have been behaving very badly! Any time a member of the public ventures near their enclosure, they are attacked by flying food launched by the mischievous monkeys! The vet has decided that the animals are bored and has come up with a plan to improve their wellbeing by creating a mini robotic monkey to give them some training in manners and to entertain them. Using a Lego motor and gears, you will construct a monkey playmate that uses both arms and legs to walk. You will make a 'magic banana' that has a sensor inside and you will learn to write a program that makes the monkey react when it detects movement. Join us for some serious monkey business!

THE CASE OF THE STOLEN DINOSAUR EGG with Allen Dickson

Famous Palaeontologist, Professor Bronte Saurus, has recently discovered a nest of dinosaur eggs snap-frozen in the icy Kelvinator Mountains. Recent advances in science mean that potentially these eggs could be thawed and hatched, giving us a nest full of 'whoknows-whatasaurii!' But on the day before they are to be thawed, Professor Saurus discovers a catastrophe- the precious eggs have been stolen! It is up to you, as an archaeological detective, to discover who stole the eggs... and then figure out how to reveal their hidden Triassic treasure! **There is a \$3 materials levy for this program.**

IT'S BEAR TIME! with Jane Godwin

Have you ever noticed how many bears there are in story books? The Three Bears, Paddington, Pooh, Corduroy, the Berenstain Bears, The Very Hungry Bear, just to name a few! Sleepless bears, scary bears, wise old bears, magical bears, sad bears, happy bears, and spaceman bears all have their own stories. In this workshop we'll share some bear picture books and look at their similarities and differences. Then everyone will create an original bear character and take him/her on a story adventure. **You will need A4 blank paper, coloured pencils and your favourite Bear book!**

DEAR MOTHER GOOSE with Ruth Evans

Do you love getting letters? In the book *Dear Mother Goose*, by Michael Rosen, the nursery rhyme characters write lots of letters to Mother Goose, who helps them solve their problems. Humpty Dumpty keeps falling off the wall, Jack and Jill keep falling down the hill and Mary Mary Quite Contrary is sick of people peering into her garden. Be prepared to laugh out loud when you hear some of the crazy solutions Mother Goose suggests! Then we'll hop into the hot seat and pretend to be a character from the book as we write a letter to Mother Goose. Here comes the postie! Your letter will be delivered and so will a reply. We'll even design and make our very own letterbox so we can continue with the fun at home. **Please bring a small cardboard box to make a letter box. Scissors and decorating materials if you have some.**

TINY TAM HAS TREMENDOUS TROUBLES with Rachel Holkner

Tiny Tam is here to take you on an adventure. But, wait, what's this? Ahhhhh! We're shrinking! Imagine being only the size of a LEGO figure. What dangers lie underneath the doormat? How will we get down off this chair? Who will help us open the fridge?! Tiny Tam has a few tricks, but we'll have to think pretty cleverly in order to solve these problems. We will have to write, draw, cut, paste, plot and plan our way out of trouble. Using examples and clues from some popular stories like *The Borrower Arrietty*, *Arthur and the Invisibles* and *Thumbelina* we're bound to have a marvellous, miniscule, terrific, tiny time!

THAT'S NONSENSE with Jane Godwin

Dilli Dilli Picalilli

Tell me something really silly

I met a man whose name was Bert

He ate the buttons off his shirt

Nonsense can be so much fun! Tongue-twisters, limericks, made-up words, silly poems and more will be explored in this workshop. There will be word games to play and your own poems to create. So, if you like funny poems and made-up words, if you have a natural appreciation of the absurd, then come and join in the nonsense. **Please bring A4 blank paper, coloured pencils and a sense of fun!**

THE DAY I MET VICTOR THE VET with Jesse Chambers

Feathers, fur, fins and scales are not an unusual sight in this vet clinic. Dr Victor sees clients of all shapes and sizes, from anteaters to zebras. But today a mystery crate has been left on the doorstep. Be careful though, before we peek inside to reveal what it is, we must first figure out what it could be. Listen, what sound does it make? Look, is it fluffy or scaly? Come and collect clues with Dr Victor but remember, looks can be deceiving! Hop to it though; the animal is in need of treatment and must be returned to its worried owners before the day is out. Do you have the necessary 'koalafications' to help – of course you do! Together, we will investigate how biology and mathematics help Victor the Vet to care for and treat all creatures, great and small.

CODE BREAKERS: THE CASE OF THE MISSING DIARY with Jenny Lee

There's something very exciting about mysteries, codes and coded messages – just ask Cody. Cody loves solving mysteries and has decided to open a secret code-breaking service, offering to encode or decode messages for anyone in need. Cody was very excited about his first assignment. Late on a rainy night, a diary was delivered to his office with a note that it contained a secret, coded message about a treasure. He was super excited about decoding the message when, suddenly, the lights went off and the office was plunged into complete darkness! When the lights came back on, Cody found that the diary had gone missing! Now he urgently needs your help to track down the thief and save the diary and treasure from falling into the wrong hands. Can you follow the clues and crack the code before it's too late? Let's hurry and find out! **Please bring a ruler and scissors.**

DING DONG, DING DONG! with Kevin Taylor

Do you have prized possessions that you would like to keep safe? Are you tired of having brothers, sisters, parents or friends sneaking into your room? Then this is the perfect workshop for you! In this workshop we will explore the world of electronics and, using Logiblox and Robotix, design and develop a security system suitable for your bedroom. Your security system can include alarms, flashing lights, seeing eyes, timers and metal detecting devices – all guaranteed to make those unwanted visitors panic and flee! Unfortunately, you can't take your security system home, but you are able to take photographs, so make sure you bring a camera!

SPLAT! with Narelle Wood

George of the jungle has a problem. When swinging from vine to vine he doesn't know how to watch out for the trees. More often than not, George finds himself swinging and then ... SPLAT! It's quite embarrassing and he really would prefer to land safely on the branch. As a jungle scientist, George has called on your expertise to solve his swinging problems. He can't work out whether the problem is in the speed of his swing or the length of his vine. Can you help George of the jungle watch out for that tree and swing safely and swiftly to avoid the splat?

THE TOYMAKER'S APPRENTICE with Mark Maxwell

It's getting close to a major deadline for Gepetto the toymaker. In just three days he is due to deliver his latest moving toys to all the toyshops in town. But, disaster has struck! All his toymakers have come down with a mystery illness and are at home in bed with their hot water bottles. Gepetto is desperate...can you help him fill his orders? Before you start you will need to brush up on your knowledge of moving toys and what makes them work. You'll learn all about pulleys, levers, cogs, wheels and gears before designing and building your very own moving toy. If you can do it, you'll be Gepetto's friend forever! **There is a \$3 materials levy for this program.**

THERE'S A CHEEKY LITTLE BUG with Allen Dickson

There's a cheeky little bug crawling in my hair. He's creepy and he's crawly – What's he doing there? Whether it is a *Musca Domestica* (fly) on our ice-cream or an itch from a *Ctenocephalides Felis* (flea), there's often nothing that can bug us quite like a bug! But what is life like for a bug? How do some taste through their toes while others hear with their hair? And why does something so small (like a tick) have such a big name (*Acari Ixodidae Ixodes Scapularis*)? Every little bug has a little 'pestcard' to tell us who they are, where they've been and what they've seen. So join us as we get up close and personal with these cheeky little bugs. **Please bring writing materials and paper.**

MEET OUR PRESENTERS:

Annette Subhani is an educator, a parent and a person of varied life experience with a passion and desire to contribute to the character development of children from an early age. She has been presenting with G.A.T.E.WAYS for over five years and she thrives on working collaboratively with children. Annette encourages students to question the world around them and to transfer their learning to real-life. She has a love of history, reading and literature, maths, story-telling, the arts and living life.

Jesse Chambers provides exciting learning experiences that seek to satisfy highly able students' appetite for knowledge. He has recently completed a double degree in science and education with honours and also presents wildlife education programs across Australia. Since joining G.A.T.E.WAYS, Jesse has delivered workshops spanning astronomy to zoology!

Tim Byrne has been fascinated by spinning objects such as tops, coins, yo-yos, boomerangs, eggs and avocado seeds for a long time. He believes it's his turn to share this marvelous plaything.

Rachel Holkner has a ridiculous imagination and has lost many hours flying magic carpets among the clouds. With a background in the arts and professional writing she has produced short fiction and articles for many publications, reviews regularly for various websites and teaches history, creative thinking and writing with G.A.T.E.WAYS.

Narelle Wood studied genetics and other fun science subjects like psychology at university. After turning her lab partner purple she decided to follow a colourful career of teaching these subjects and often finds herself solving mysteries and looking for jungle vines to swing on. In the future Narelle aims to not dye any more people purple.

Jenny Lee has completed a Master of Teaching with Mathematics and Science methodologies and has taught Prep to Year 12 in a range of schools in Victoria and New South Wales. She has worked with students, parents and teachers from various backgrounds. Through these fun and valuable experiences, she has become skilled at delivering differentiated programs to highly able students. In her spare time, Jenny loves playing with numbers, breaking coded messages, and studying delightful magic tricks.

Kevin Taylor is a passionate roboticist. He has been engaging students of all ages in robotics and other forms of technology since starting Robotic Education Pty Ltd in 1996. He is a founding member of Robocup Junior Australia. Kevin has been designing and presenting robotics programs for many years.

Allen Dickson is an educator with a passion for ensuring learning is innovative, practical and enjoyable. For nearly 20 years he has specialised in the fields of Drama, English and Maths, and uses his diverse range of unique skills to initiate change in classroom practice. Allen runs his own educational consultancy, RethinkPD.

Ruth Evans is a caring, enthusiastic and experienced primary school teacher with a diploma in publishing and communications and a Master's degree in Inclusive and Special Education, specialising in Gifted and Talented Education. Ruth enjoys cooking, knitting and reading stories with her twin daughters. She can't wait for the festivals – they are going to be so much fun!

Mark Maxwell is an artist, technician, builder and workshop presenter who has a giant studio to work his ideas. His practice encompasses sculptural marques, woodwork, animation, set design and lighting. When creating miniature models, he explores engineering principles and tries to design projects that promote open ended creativity. His creative process involves constructing working models from scratch and using technology to program basic functions.

Jane Godwin is a publisher and award-winning children's book author with over twenty books to her name. Jane's own bear book, *Bear Make Den*, has been published internationally and is enjoyed by young readers all over the world. Jane believes that children have a natural curiosity when it comes to language and she is dedicated to pursuing quality and enriching reading and writing experiences for young people, whether it's as a writer, a publisher or a speaker/facilitator.

