

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

Prep children to a 'Festival of Workshops'

at Firbank Grammar School, Middle Crescent, Brighton

MONDAY 12 DECEMBER, 2016

9.30 am to 3.15 pm

PROGRAM	MORNING WORKSHOP	AFTERNOON WORKSHOP
1	Calling all Balloonologists!	A Creepy, Crawly Conundrum
2	A Creepy, Crawly Conundrum	Calling all Balloonologists!
3	Puppet Play	Wacky Words and other Nicky Nacky Noo
4	Wacky Words and other Nicky Nacky Noo	Puppet Play
5	The Search for the Lost Jelly Baby	The Magic of Magnets
6	The Magic of Magnets	The Search for the Lost Jelly Baby
7	Ding Dong, Ding Dong!	Maths Monster Mayhem!
8	Maths Monster Mayhem!	Ding Dong, Ding Dong!
9	Magical Matilda	Let's Go Fly a Kite
10	Let's Go Fly a Kite	Magical Matilda
11	Monkey Brothers Misbehave	Just Add Water!
12	Just Add Water!	Monkey Brothers Misbehave

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

The fee is \$99.00 per day.

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. Please also bring along any additional materials listed for your program.

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

Enrolments open Monday, October 24.

PREP FESTIVAL WORKSHOPS

CALLING ALL BALLOONOLOGISTS with Emma Carter

POP went the balloon! WHOOSH went the gas! WOW called the Balloonologists! In this workshop we will be immersed in the exciting world of science as we participate in all sorts of experiments where the main piece of science equipment will be the humble balloon! We discover that the unthinkable may actually be a possibility. Can we puncture a balloon without it popping, or can we blow up a balloon using a bottle? We will explore gases, air pressure, carbon dioxide, static electricity, molecules and chemical reactions. One thing's for certain - this workshop will involve lots of fun, new ideas, action and prediction. Most importantly, it will involve lots of balloons- but hopefully not too many POPs or BANGs! ***Please note that this workshop is not suitable for children with a latex allergy.***

A CREEPY CRAWLY CONUNDRUM with Andrew Plant

It's small, it's got lots of legs, and a curly tail. Hmm...what could it be? This one hasn't got so many legs but – two tails? A snappy tail? This one is really big, but it's got no legs at all! Oh dear, what can all these things be? They're creepy, they're crawly, and they're really confusing! Come and see if you can sort it all out as we explore the world of insects, arachnids, crustaceans and more. You will discover that every skittery, slimy or slinky critter can be identified, if you just know what to look for! But don't worry, there won't be any live ones in the classroom... unless a fly gets in! ***Please bring an A3 or A4 sketchbook or sheets of paper, and coloured pencils and an eraser.***

PUPPET PLAY with Amy Moule

Let your imagination run wild in this workshop as we create and perform scenes and skits with our very own puppets. Can you adapt your performance and storylines for all types of puppet, be it a human puppet, a terrifying monster, a fire-breathing dragon, a crazy dinosaur or even a dancing fairy? We will learn how to bring our puppets to life by coordinating movements, voice, conversation and sounds. Using improvisational skills and techniques, we will work together to create a short scene or skit that will capture the imagination of our audience and have them begging for more!

WACKY WORDS AND OTHER NICKY, NACKY NOO with Rachel Holkner

Do you like making up crazy words and rhyming things that make no sense? You'll love this workshop then! Serious people are not allowed as we laugh our way through some of the most ridiculous poems by Spike Milligan, Edward Lear and Dr Seuss. Your own best nonsense words will come in handy when we make an ever-changing flipbook of ridiculousity! ***Please bring coloured pencils, scissors and a glue stick.***

THE SEARCH FOR THE LOST JELLY BABY with Narelle Wood

Mrs Jelly is bamboozled and Mr Jelly is not quite sure what to do. Jelly Baby has gone missing, and finding her is up to you! Jelly Baby was last seen at the Water Park, slipping down slides and running through fountains. As the Jelly Forensic Team, we need to retrace Jelly Baby's steps and figure out where she got lost. Was it at the water slide, the steam train or the iceberg ride? We use the crash test lollies at each ride to test what happened to Jelly Baby; did she grow; did she shrink or has she completely disappeared? Will we be able to find Jelly Baby?

THE MAGIC OF MAGNETS with Justin McKenzie

Have you heard the popular saying "opposites attract"? Discover the wonder and science of magnetism in this workshop as we explore the amazing things that we can do with the humble magnet. Why is it that magnets are attracted to some metals but not all? Why do magnets repel as well as attract? How does a Magna-doodle or an Etch-a-sketch work? How can magnets be used in levitation? How does a mono-rail work and why haven't they taken over from trains? Magnets are all around us - there are many at work in your house that you can't even see! This exciting workshop is full of hands-on activities, experiments and all-round fun! Who will solve the magnetic maze? Who can make the strongest magnet? Who will solve the puzzle of the floating paperclip? Come along and find out! ***Bring pencils, a capsule sharpener, and an eraser.***

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!

MATHS MONSTER MAYHEM with Allen Dickson

Eek! The Maths Monsters are lurking everywhere! There's a 'More-Or-Less Monster' hiding in your lunchbox, a 'Multiplication Monster' in the bin, a 'Plus-n-Minus Monster' under the mat and a 'Measurement Monster' behind the sticky tape dispenser. As fearless Maths Monster Hunters, our first job is to trap the monster, discover what that monster means... and then feed the monster its mathematical meal. Can we 'count' on you to 'round up' every Maths Monster?!

MAGICAL MATILDA with Terri O'Donnell

"And now, quite slowly, there began to creep over Matilda a most extraordinary and peculiar feeling. The feeling was mostly in the eyes. A kind of electricity seemed to be gathering inside them". Do you sometimes wish you had magical powers just like Matilda in Roald Dahl's inspiring story about an *extra*-ordinary little girl with a big brain and mysterious magical powers? In this workshop we will explore Matilda's incredible journey as her special power takes hold. Then we will take on the role of newly appointed movie directors who are responsible for planning the storyboard for a sequel to the ever popular movie, Matilda. Develop your self-confidence and extend your literacy skills as we focus on the features of descriptive writing, including use of repetition and imagery. You will be inspired to write, imagine, create and perform in this magical workshop! **Children should be familiar with Roald Dahl's book, *Matilda*.**

LET'S GO FLY A KITE with Joanne Baker

Come and be introduced to the wonderful world of kites! You'll find out a little about their history, explore the different shapes and sizes of kites and learn the basic principles of how to fly a kite. Using your creativity, you will construct and decorate a Diamond Kite which is as individual as you are! We will then experience the thrill of flying our kites! By the end of the program you will have lots of ideas for designing and building kites at home. ***Please bring some colourful texts.***

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 they 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.


JUST ADD WATER with Adele Costello

What is squishy, slimy and bouncy? What can behave like both a liquid and a solid depending on how it is handled? Polymers! It's nearly impossible to go through a day without encountering polymers—molecules that play a part in clothing, plastics, food packaging, mobile phones, computers, and even spaceships. It's their characteristics that make them so special. Some are able to do things that can make them appear almost magical, like absorbing 30 times their own weight in water! In this workshop, we will explore the fascinating world of polymers and discover their amazing characteristics through some exciting hands-on experiments. Join us as we become polymer scientists for a day and uncover the science behind these intriguing molecules. Curious but confused? Don't worry it will all become clear...all we have to do is just add water! ***Please bring a sandwich size snap-lock bag and a pencil case.***

MEET OUR PRESENTERS:

Emma Carter has Bachelor Degrees in Science and Engineering, with majors in Physics and Electrical Engineering from the University of Melbourne. She has taught secondary school maths, science and physics and worked at Scienceworks. She has also worked as an outreach education officer for the Discovery Science and Technology Museum and enjoys presenting science and mathematics workshops with G.A.T.E.WAYS.

Andrew Plant is an illustrator and author of dozens of wildlife and education books, including the international best-selling *Could a Tyrannosaurus play Table Tennis?* and *Puggle*. He has travelled the world searching for wildlife, and been personally bitten by several exotic and dangerous Creepy Crawlies. His next book – *Glitch* – features some most unusual bugs!



Amy Moule is an actor, improviser, director, puppeteer and ensemble member with Impro Melbourne. She has been a puppeteer with Camp Quality for five years and has led workshops and been a roving puppeteer at many festivals with *Trash Puppets*. Amy has taught and performed improvisation and drama workshops to children and adults in Australia, New Zealand, Phoenix, Minneapolis, Austin and Reunion Island. Amy performs and runs workshops in kindergartens as well as primary and secondary schools, and enjoys running workshops for G.A.T.E.WAYS.

Rachel Holkner has a ridiculous imagination and is frequently off on one storytelling adventure or another. Sometimes several before breakfast! 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 playing with chemistry in her kitchen. In the future Narelle aims to not dye any more people purple.

Justin McKenzie has a passion for mathematics and science and is keen to pass this on to his students. With his infectious enthusiasm, Justin will have students scratching their heads and questioning the seemingly obvious.

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.

Terri O'Donnell is a primary school teacher who has encouraged a love of learning and a spirit of inquiry with her students over the past 18 years. She has a strong interest in Gifted Education, literacy and current thinking trends. Terri also has a passion for the Performing Arts and has enjoyed the planning, choreography and coordination of drama performances, dance extension programs and whole school musicals.

Jo Baker has been making and flying kites for the last 27 years. She has won the Australian Sports Kite Championships and was the 2005 World champion in the soft kite category. She has attended International Kite Festivals world-wide. She started Kites 4 Kids in 1995 and conducts fantastic kite-making workshops.

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.

Adele Costello has a double degree in Education and Arts. She is a current member of Victorian Association of Gifted and Talented Children's Committee. Her regular work with G.A.T.E. WAYS has allowed her to combine her love for learning with her passion for watching highly able students make new and exciting discoveries.

