

G.A.T.E.WAYS has pleasure in inviting gifted and talented
Year 1 and 2 children to a 'Festival of Workshops'
 hosted by Waverley College, Birrell St, Waverley

MONDAY 10 DECEMBER and TUESDAY 11 DECEMBER 2018

PROGRAM	Monday 10 December	Tuesday 11 December
1	AM: Flower Power! S PM: Anyone for Pi? M	AM: Flower Power! S PM: Anyone for Pi? M
2	AM: Where is My Funny Bone? Filling Fast L PM: The Case of the Missing Primes M/P	AM: Where is My Funny Bone? Full L PM: The Case of the Missing Primes Full M/P
3	AM: Puzzle Ninjas M/P PM: Sweaty Skin and Sickly Scabs S	AM: Puzzle Ninjas M/P PM: Sweaty Skin and Sickly Scabs S
4	AM: The Sky's the Limit! E/A PM: Philosophy Untethered – The Art of Why? A/P	AM: The Sky's the Limit! E/A PM: Philosophy Untethered – The Art of Why? A/P
5	AM: Neuroplastic-Fantastic Full S PM: Ready, Aim, FIRE! Full S/T	AM: Neuroplastic-Fantastic! S PM: Ready, Aim, FIRE! S/T
6	AM: Remembering Pippi Longstocking L PM: Shakespeare & Co A/L	AM: Remembering Pippi Longstocking L PM: Walk Like an Egyptian A/H

S–Science T–Technology E–Engineering M–Maths L–Language H–History A–Arts: Creative or Performing P–Problem Solving

Please choose one program only per day. When enrolling for both days, be sure to check you have selected a different program number for each day. Workshops cannot be mixed and matched. The fee is \$105 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 Sydney G.A.T.E.WAYS on 02 9940 0303

Year 1 and 2 Festival Workshops

FLOWER POWER!

with **LAURA JADE HINDES**

The bright colours, wonderful smells, and crazy shapes of flowers are not just for humans to enjoy. They actually serve a crucial purpose by attracting birds, insects, and other animals to help with the pollination process, without which, humans would starve! But not all flowers are as pretty as others. Today, we will also come face-to-face with the world's scariest, strangest and grossest plants... like the gigantic flower that exudes the stench of rotting flesh! By the end of this workshop, you will be astonished at how far flowers will go to reproduce and grow. Not only that, but you'll also do a proper 'plant dissection' to see how flowers all fit together!

ANYONE FOR PI?

with **CONNIE SALMON**

Professor Porky Pi has a penchant for telling fibs. And it looks like he's at it again! He says that he can see pi wherever he goes, but we need you to help sort out the true pi sightings from the fakes! He claims to have seen pi in the sun, in rivers, in ponds, in his DNA, in aeroplanes...it's so difficult to know what's real and what's not when he looks you straight in the eye and tells you he is looking at pi right now! Where will this irrationality end? You'll need to make sure that your pi knowledge is secure so that you can get stuck into this investigation. Professor Porky Pi will have you running around in circles as you try to figure out just where in the world pi really can be found. All this running around is likely to make you quite hungry...anyone for pi?

WHERE IS MY FUNNY BONE?

with **DIANA THANOS**

This workshop is designed to tickle your funny bone. What makes people laugh? Is laughter contagious? Why did a laughter 'epidemic' result in the closure of boarding schools in Tanzania? Can laughter really come in cans? From the sublime to the ridiculous, you will utilise your critical and creative thinking skills to discover if there is a 'funny formula'. From knock-knock jokes and riddles, to spoonerisms and neologisms; from portmanteau to puns (aka dad jokes), you will embark on a mission to find the science behind what makes you laugh. Understanding humour requires flexible thinking and a sharp intellect. Today we will write, entertain, explore, investigate, challenge and discover the joys of laughing and learning together. Shouldn't all learning be fun? Come and enjoy this challenging workshop and have a great laugh at the same time 😊.

THE CASE OF THE MISSING PRIMES

with **VANESSA RYAN-RENDALL**

The Prime family is one of the cleverest families in Number Kingdom and every number in the realm is jealous of them – which is why every single number is a suspect in the case of the century. So, who kidnapped the Prime Family? As the prime detective of the nation, you have been put in charge of finding clues to work out who has kidnapped this famous family – and you need to do it fast! You'll not only be using your eyes to search for all different types of prime numbers in this case. You'll also be solving riddles, scrunching your eyebrows over codes and, most important of all, making sure you put the kidnapper behind bars! Bring along your number knowledge, calculating brain and prime thinking to solve this mystery...before we lose the Prime family forever!

PUZZLE NINJAS

with **CONNIE SALMON**

WANTED: Puzzle Ninjas required for some serious problem solving!

The Puzzle Ninjas are an elite team of solution seekers. They are the go-to crew when the puzzling is steep, when the questioning is deep and when the baffling makes most people weep. With agile, flexible and stealthy brains, they can sneak up on any puzzle and solve it in a snap! Do you have what it takes to be a Puzzle Ninja? If you think this sounds like the job for you, then sign up here for Puzzle Ninja training. You'll be exposed to the secrets behind some of the most perplexing puzzles the world has ever seen. You'll be mentored by the masterful puzzle authors of popular puzzles, like Sudoku and Kakuro, and lesser-known ones, like Shakashaka and O'Ekaki. You'll hone your logical thinking skills, crack some mystifying puzzles and see if you've got what it takes to be awarded the title of Puzzle Ninja.

SWEATY SKIN AND SICKLY SCABS

with **TRACY FORBES**

Dr Defence needs your help as he is battling a plague of gross skin infections! Can you help him to use the body's defences to fight off magnificent microorganisms such as bacteria? Can you help him to get rid of some unsightly fungus? He can't figure out why he's so susceptible to them! He has even become the host to some unwanted parasites! Time to explore the body's defences so you can help get Dr Defence fighting fit again in time for summer! This workshop is sure to have the eeew factor!

THE SKY'S THE LIMIT!

with **ANNA JAHJAH**

Have you ever dreamed of becoming an architect and designing your own house, bridge, castle, skyscraper or even a whole city? Then look no further - you've come to the right place! Explore how concepts like weight, gravity, compression and tension come together to create the strongest, most beautiful and lasting structure, and then design and build one of your own. Armed with naught but paper, scissors and glue, you'll become mini urban planners in this workshop, channelling your inner Frank Lloyd Wright (or Gaudi if crazy buildings are your thing!) and you will have a chance to execute your best design! You'll be amazed by the endless architectural possibilities that paper provides.

PHILOSOPHY UNTETHERED – THE ART OF WHY?

with ZUZI FORT

Curiosity is the spark behind the spark of every great idea. The future belongs to the curious - Unknown

Are you a 'why' kind-of kid? Do you ponder the meaning of life? Do you question, enquire, analyse, contemplate and speculate? Then this workshop is for you. Let's become philosophers and search for answers to some of our questions. Using stories, fables, role play and more, we will dig deep. What is real? Is there one reality or do we all have our own? How do we know we exist? What is truth? Is there more than one truth? If we all believe something, does that make it true? Are all lies bad? How do we know what is right? Should we be true to our nature? If so, why do we call the bad wolf 'bad' - wasn't he just being true to his nature? Let us journey through history on the trail of great thinkers, like Plato, Aristotle, Kant and Descartes. Join the Curious Fellowship of Why, don your togas and start philosophising. You are invited to travel the limitless expanse of your curiosity.

NEUROPLASTIC FANTASTIC!

with TRACY FORBES

Urgently required: Subjects for brain training experiments at the Neuroplastic-Fantastic Brain Bootcamp! Bring your brain along to Brain Bootcamp where you will undergo a series of brain training activities as we explore neuroplasticity. Is your brain really made of plastic? Can it change and be rewired?? Learn about brain physiology before we undertake a range of brain training activities where we will hypothesise, experiment, record and analyse our results to delve deep into your neuroplastic-fantastic brain! Get ready for some brain-busting workouts as we discover how to train your brain!

READY, AIM, FIRE!!!!

with RAEMA MARTYRES

It's time to feel the tension and let your creativity and thinking GO! Get ready...catapults and trebuchets are on today's agenda and things are going to get fiery. Learn about the history, functions and underlying mechanisms of these spectacular slinging devices. How were they used during medieval times and how are they still used today? Can you make a successful catapult using a pile of popsicle sticks, a spoon and an elastic band? How about using Lego pieces? How is energy built and stored in a catapult? Whose catapult will generate the most force and fire the missile the furthest? Brace yourself and stay alert because it's time for your mind to be catapulted to a new high.

REMEMBERING PIPPI LONGSTOCKING

with ALLISON GREENLAND

Pippi Longstocking, pirate's daughter and storyteller extraordinaire, has been taking readers on her wild adventures for over seventy years. Wow! How has she survived so long? Maybe it has something to do with her being a rather unusual heroine who goes about doing things in her own crazy way? Other memorable characters like the Paper Bag Princess, Billy Elliot and good ol' Huckleberry Finn like to go against what everyone thinks they **should** do as well. What kind of unique character would YOU like to see breaking the mould (and new ground) in a book? We'll start by sketching them out on paper, focusing on including memorable details (like Pippi's freckles and her trademark wayward red braids) before making them come to life through writing, all about their personality and quirks (like Pippi's bravery, optimism and amazing imagination) that help them get into and out of sticky situations. What kind of adventure will they get up to? Finally, share your character that smashes all the stereotypes as you step into their shoes and act out part of your story.

SHAKESPEARE & CO

with ANNA JAHJAH

If you like magic, mischief and mayhem, then this workshop is tailor-made for you! Create your own 3D character portraits and props out of paper and turn them into whimsical creatures from *A Midsummer Night's Dream*. Once you start performing excerpts from the play, the transformation will be complete! You'll learn to speak in Elizabethan English whilst finessing your improvisational and acting skills. The world (of paper) is a stage, as they say...

WALK LIKE AN EGYPTIAN

with EMILY TAYLOR

In the land that time forgot...where the mode of transport is camel...where the sandcastles scrape the sky...where the word "Mummy" has more than one meaning...one group of explorers makes the discovery of a lifetime...

Join Sandy Sphinx and his good friends, Indie Johns and Cleo Patrick, as they journey through the sands of time to a land shrouded in mystery. What did the ancient Egyptians have against windows? Why the obsession with the triangle? Would we ever meet a camel we didn't like? Adventuring across the desert and into the mysterious pyramids we'll explore a time and place rich in wealth, culture and possibility, as we embark on a quest to find the final Pharaoh and discover how and why it all went wrong. Creating and meeting a camel-load of strange and interesting characters, we'll need all our wits about us to play the parts, solve the clues and defeat the unknown. And we might even meet a Mummy...

Let the Egyptian walking begin! **Please wear loose, comfortable clothing so you can move around.**

Our Festival presenters are a brilliant bunch! To learn more about them, head to

www.gateways.edu.au/programs/festivals/end-of-year-festivals

