

GATEWAYS FESTIVALS

G.A.T.E.WAYS has pleasure in inviting gifted and talented
Year 5 and 6 children to a 'FESTIVAL OF WORKSHOPS'

at Firbank Grammar, Middle Crescent, Brighton

MONDAY 24 JUNE AND TUESDAY 25 JUNE

PROG	Monday 24 June, 2019	PROG	Tuesday 25 June, 2019
1	BACK TO THE FUTURE (S)	1	PLANE PANIC! (S)
2	TALKIN' TOLKIENS - WHO LET THE MONSTER OUT? (L)	2	A PLAGUE OF CLICHES..WRITING CATASTROPHES (A)
3	ROCKING AND ROVING ON MARS (T)	3	LOOK OUT SIRI, WATSON, CORTANA- NEW CHAT BOTS ARE COMING! (T)
4	HARD-CORE HEROES AND VORACIOUS VILLAINS (A)	4	PODCASTAWAYS (T L)

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

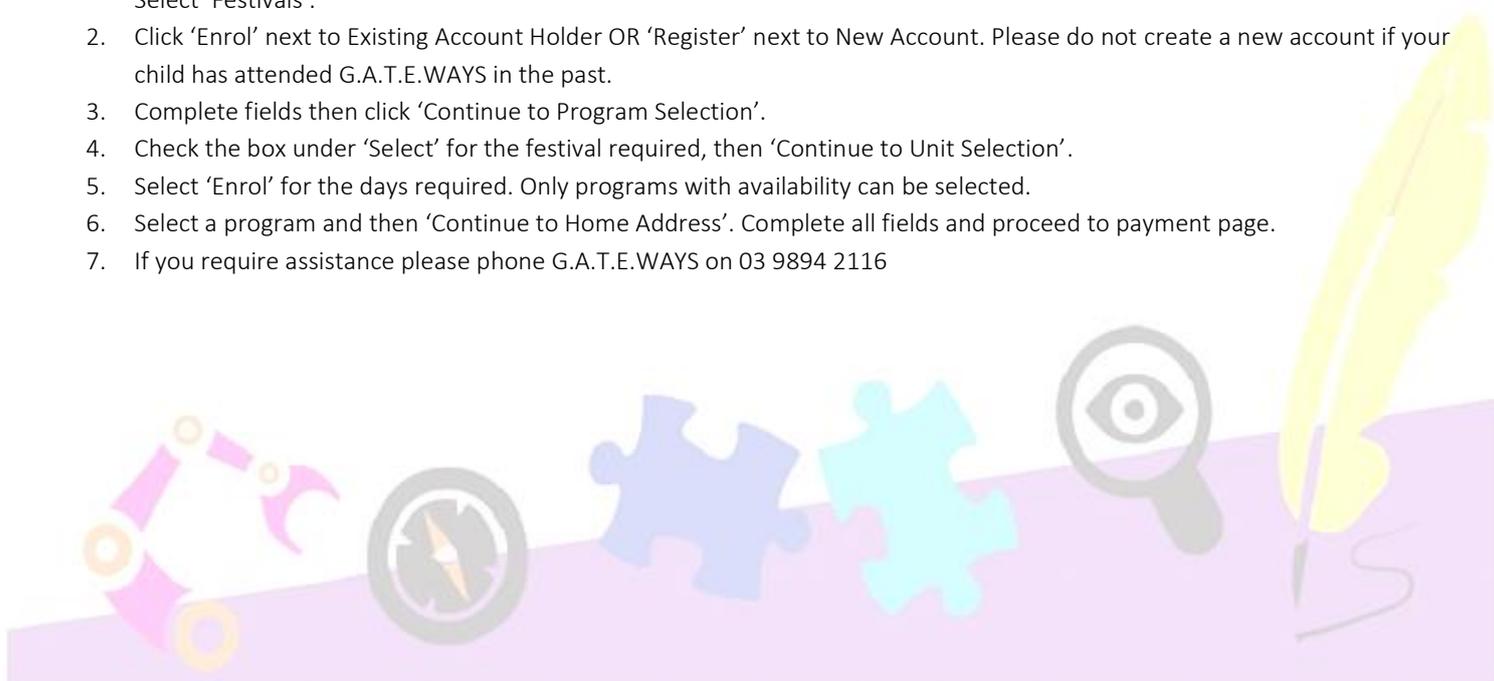
Please choose one program only each day.

The fee is \$105 per day.

Enrolments open Monday, 13 May

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



FESTIVAL WORKSHOPS

9.30 am – 3.15 pm (registration 8.45)

****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.****

BACK TO THE FUTURE – TIME TRAVELLING SCIENTIST with Jo Davis

Your eccentric aunty Maud has just completed her quest to build a time machine, however during her inaugural journey she picked up a few interesting scientists along the way! Unfortunately, the time machine has malfunctioned, and Maud and her new friends have been lost in time! The ancient Egyptian physician Qar (he mummified dead bodies), the ancient Greek philosopher Hippocrates (the father of modern medicine), Dr Schnabel (a medieval plague doctor), Charles Darwin (defined the theory of evolution), Alexander Fleming (found antibiotics), and Doctors Watson and Crick (discovered DNA) have disappeared. Our intrepid team of scientists will travel back in time to perform important experiments in a race against time to return these famous scientists. Come along for a scientific adventure of a lifetime, that includes mummifying, microscopes, evolution, curing diseases using medicine and vaccines, and a final modern-day medical challenge of eradicating the Ebola virus! **Bring a clean glass jar with a lid (eg. pasta sauce jar) and an apple.**

TALKIN' TOLKIENS – WHO LET THE MONSTERS OUT? with Kim Edwards

Fantasy writer and medieval historian J. R. Tolkien created some of the most amazing creatures the world had ever read in his novels *The Hobbit* and *The Lord of the Rings*, and the literary adventure of getting lost in his mythic and magical land, with his marvellous monsters and astonishing characters, will excite and inspire every reader who wants to be a creative writer! Are you ready to trade riddles with the mysterious Gollum, decode the secrets of the Elf language, breath fiery life into a dragon like Smaug, and hang out with fierce dwarves, mystical wizards and lovable hobbits? Come discover what mythopoeia is as we use Tolkien's creative creatures as inspiration to invent, design, draw and write about some imaginative beasts of our own!

ROCKING AND ROVING ON MARS with Sanjin Dédic

Since the very beginnings of our species, humans have had an instinct to explore! And that exploration has always been aided by technological advances – transport advanced from wagons and rafts to ships and plane, for example. In the 21st century, technology is getting smarter. The building block of this intelligence is a micro-chip called a microcontroller. In this workshop we will program the most powerful educational microcontroller out there, **the BBC micro:bit**. We'll learn how to program micro:bits with block code, sense button presses, sense tilt from the accelerometer and we'll display various images on the screen. We will then combine two micro-bits, one acting as the robot brain and the other as a controller to drive our robot around an obstacle course. Once we have done that, we will face the eternal problem that NASA engineers have every time they explore a moon or a planet, the fact that large distances make navigation by remote control impossible. We will tackle this by writing intelligent programs that use our robots' sensors to sense obstacles and navigate an unpredictable terrain to arrive safely to a navigation point.

HARD-CORE HEROES AND VORACIOUS VILLAINS with Suzie Thomas

We all know the story! You know... the one about the fearless hero with the loyal sidekick who, with the assistance of the wise mentor, defeats the evil villain? Wait a second... doesn't that describe nearly every story ever told?! From Harry Potter to Luke Skywalker, from Matilda to Wonder Woman, the stories that we love are full of different types of heroes, villains, sidekicks, mentors and clowns – otherwise known as character archetypes. During this practical performance workshop we'll brainstorm famous archetypal characters and their qualities before exploring how we can represent them on stage both vocally, through exploring vocal variety (pace, pitch, accent etc.) and physically, through posture, gesture and facial expressions. We'll create short scenes with the characters that we create and add depth by giving our hero a fatal flaw, or creating a villain with a heart of gold, proving that although archetypes are recognisable, they are best when used as a springboard to create truly unique characters. **Wear comfortable clothes that allow you to move freely.**

PLANE PANIC!! with Alison Brennan

Acrid Air, Flight 000 has taken off from Melbourne to London. About thirty minutes into the flight, three of the passengers start to feel unwell. They complain about feeling sick, dizzy and having muscle aches. Five minutes further into the flight there are ten more unwell passengers. The senior flight attendant calls the cockpit, only to discover that the Captain is also sick. This is now an EMERGENCY! The co-pilot turns the plane around to return to Melbourne, informing the airport of the unfolding situation. Can you help discover what has happened? You and your team are working for the Department of Health. This situation needs to be contained, controlled, and then investigated so that similar incidents can be prevented in the future. This program will take us on a microbiological journey, focusing on pathogens and epidemiology. In this fun, fast-paced and hands-on program students will develop research, teamwork, and practical scientific skills.



A PLAGUE OF CLICHES AND OTHER WRITING CATASTROPHES with Kim Edwards

Lots of people may not realise how dangerous and daring capturing a wild story can be, but all good writers know the many pitfalls and perils we face in trying to get those elusive words safely onto the paper! Welcome to your very own creative writing survival program, as we navigate daringly between the dizzying heights and tremulous depths of storytelling, from scaling the cliffs of creativity and exploring the origins of originality to scouting the swamps of stereotypes and bridging the bogs of the banal... Learn how to spot a cliché at twenty paces, plot a meaningful monomyth, ambush a Mary Sue, dodge Chekov's gun, resist the lure of a McGuffin, and defeat a deus ex machina! May your pen prove mightier than a sword, and your paper be black and white and read all over, for this will be a creative writing adventure like no other! Arm yourself with a new writing book, a trusty pen and a loaded pencil case, and prepare yourself with strong imagination and determination to overcome all challenges...!

LOOK OUT SIRI, WATSON, CORTANA- NEW CHAT BOTS ARE COMING! with Sanjin Dedic

If you have ever talked to a robot, it was probably over the phone and you most likely did not have a very exciting experience. We are here to change all that forever! Using Python, we are going to create a series of chat bots, initially entirely programmed by us and then escalating to include wonderful features such as machine learning and natural language processing. The chat-bots will be able to understand mood (happy vs sad) and human interactions. They will be upgraded with some machine learning to understand a topic of our choice! Best of all when we are done, you will have online access to your chat-bot and you will be able to share it with your friends and parents.

PODCASTAWAYS with Meg Petrie

It's 2040. You are part of the Podcastways, a team of humans who record stories about your new settlement on Mars and beam them back 'home'. Today you will work in our studio on a live 'pod off'! Your audience? Native Martians and Earthlings! You will work solo/ as part of a team to create and write about a character, craft the spoken word and record your stories or interviews to a live soundtrack or podcast using voice and various instruments, including the spacey sounding theremin. What sort of topics will you cover? What is Mars style entertainment? What do you miss about Earth? Or are you a native? What do you make of these strange Earthlings who take photos of themselves and suck on oxygen tubes to stay alive? Will you broadcast a tale from the local school, interview a politician about the issues individuals stuck in space suits must face? What is the cost of oxygen? What are the social issues influencing relationships between Martians and Earthlings? And what in the world!...ahem... do you eat over there? (how many people will answer "Mars Bars?" to that last question?) ***Bring something that makes a cool / weird noise! (optional)***

**Our Festival presenters are a brilliant bunch! To learn more about them, head to
www.gateways.edu.au/programs/festivals/mid-year-festivals**

GATEWAYS  **25** years of
inspiration
and challenge

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