

G.A.T.E.WAYS has pleasure in inviting gifted and talented
Year 1 and 2 children to a 'Festival of Workshops'

hosted by Firbank Grammar, Middle Crescent, Brighton

MONDAY 24 JUNE AND TUESDAY 25 JUNE, 2019

9.30 am to 3.15 pm (registration 8.45)

PROGRAM	Monday 24 June	Tuesday 25 June
1	AM: Amazing Amoebas, Brilliant Bacteria... (S) PM: Tim's Top Ten Spinning Tops (S) (T)	AM: Amazing Amoebas, Brilliant Bacteria... (S) PM: Tim's Top Ten Spinning Tops (S) (T)
2	AM: Sudsy's Soapy Surprise (S) PM: It's an Animation Creation (M)	AM: Sudsy's Soapy Surprise (S) PM: It's an Animation Creation (M)
3	AM: Little Peta Rabbit...Carrot Caper (M) PM: Rock On!! (S)	AM: Little Peta Rabbit...Carrot Caper (M) PM: Rock On!! (M)
4	AM: The Great Slime Disaster! (S) PM: The Amazing Four Storey Bug House \$4 levy (T)	AM: The Amazing Four Storey Bug House \$4 levy (T) PM: Willy Wonka's Marvellous Mathematics (M)
5	AM: Emmet's Awesome Element Adventure (S) PM: Willy Wonka's Marvellous Mathematics (M)	AM: Emmet's Awesome Element Adventure (S) PM: Wall-E the Plant Loving Robot (S)
6	AM: The Mystery of the Traveller's Chest (P) PM: Rockpool Rambles (L)	AM: It's a Monster Support Group! (A) PM: Rockpool Rambles (L)
7	AM: Chaos in the Zoo-niverse! (L) PM: The Battle of Two Kingdoms (A)	AM: Chaos in the Zoo-niverse! (L) PM: The Mystery of the Traveller's Chest (P)

(A) Arts: Creative or Performing (L) Language (S) Science (T) Technology (M) Maths (P) Problem Solving

**Please choose one program only per 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 to 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, May 13

Year 1 and 2 Festival Workshops

AMAZING AMOEBAS, BRILLIANT BACTERIA AND PERFECT PROTOZOA WITH BOBBIE O'BRIEN

Your body is made up of approximately 10 trillion cells. But what if you were just one cell? How would you move? How would you eat? How would you 'talk' to other cells? Join this workshop to enter the incredible world of single-celled organisms! Learn all about the different classes of single-celled organisms and how they survive, move, eat, communicate, divide and thrive. You'll even construct your own single-celled alter ego to take home! **Bring a small box to carry your organism home.**

TIM'S TOP TEN SPINNING TOPS

WITH TIM BYRNE

Spinning tops have mesmerised children for millennia. Modern science can now explain why spinning objects create such amazing effects. In this workshop we'll take a careful look at some of the best and have a go at making some of the more interesting. Along the way we'll learn how a body becomes more stable when it spins. We'll investigate inertia and momentum and learn how a gyroscope guides ships and airplanes. We'll make spinning optical illusions, tops that stop and reverse, tops that can draw patterns and even fighting tops. We'll finish with a yo-yo, first invented by the ancient Greeks 2500 years ago. You will be encouraged to modify and experiment your creations to improve their performance. **Bring a cheap teaspoon (it will be bent/destroyed), an avocado pip and an old CD.**

SUDSY'S SOAPY SURPRISE

WITH MAUREEN FRITH

When Sudsy woke up on Christmas morning, there was a mysterious parcel under the Christmas tree. Off came wrapping paper to reveal bottles and bottles full of different coloured liquids. Ooo.. what fun- Sudsy couldn't wait to start experimenting! First, he tipped up the bottles gently to see how the liquids moved. Then he gave them a good shake. Can you guess what happened? Sudsy wondered if the liquids could be different kinds of soap but how was he to find out? He decided to conduct some more experiments. Did they all make bubbles? Which ones made the most bubbles? Which ones worked in hard water? In this workshop you will conduct some of the same experiments as Sudsy as well as others to help him solve the mystery of the bottles' contents and whether/how well they make things clean. You will also learn what the mystery liquids are made of and how they work.

IT'S AN ANIMATION CREATION!

WITH ANDREW DOBBYN

Do you love fairy tales? Would you like to have some fun rewriting a tale and adding characters or scenes from other fairy tales? Maybe Hansel and Gretel and Rapunzel could compare notes about their imprisonment or Cinderella and Snow White's princes could turn into bumbling fools. Maybe the wolves from Little Red Riding Hood and the Three Little Pigs could end up in court. It's all up to you!! In this workshop you'll invent great settings and add quirks to your characters and then use an iPad app called ScratchJr to help bring these stories to life. You'll use coding to bring movement to the characters and even add recordings of voices to give the characters dialogue. At the end, we'll have fun sharing our stories.

LITTLE PETA RABBIT AND THE GREAT CARROT CAPER

WITH ANG HEWASIRIBADDANA

Little Peta Rabbit and her family have lived in Farmer Blaise's fields for many, many years and he has finally had enough of them! The Royal Show is coming, and he has sworn to protect the giant carrot he has been growing at all costs. With the Rabbit family growing every day, Peta needs your help to work out how much of the land they'll need to stay comfortable and well fed and how far away they'll need to stay away from Farmer Blaise to avoid the sneaky security system built around the rapidly expanding giant carrot. There's a series of secret mathematic formulae at play here - can you find the links between them and come up with a way to share the land before it's too late?

ROCK ON!! WITH RUTH EVANS

Rocks rock! When you crack them open, they sometimes reveal dazzling crystals or ancient fossils. You might even discover a dinosaur skeleton! What is petrified wood? Is it just very, very scared? You will be amazed to learn how different types of rocks are formed. Some rocks are asteroids fallen from space. Some rocks are living things that have been turned to stone, just like the statues in Narnia. Others are exploded out of a volcano! Did you know that some rocks glow in the dark, and some can either cure, or even cause, cancer? Today we'll use a magnifying glass to investigate and measure different rocks. We will also use a magnet to discover whether breakfast cereal really contains iron, and make a model of a drilling sample. Don't forget to bring your problem-solving skills!

THE GREAT SLIME DISASTER!

WITH ALISON BRENNAN

Mr Sylvester owns a small, but quite famous factory that makes a variety of interesting products. However, it is most famous for making 'Sylvester's World-Famous Slime'. Sylvester's slime is quite frankly the best slime of all time. Unfortunately, something has gone wrong during production. The slime is not coming off the production line, with the correct consistency. What a disaster! What can Mr Sylvester do? Join us on an exciting adventure as we see if we can save his reputation. In this exciting hands-on program with lots of experiments and demonstrations, we will learn about atoms, compounds, monomers, polymers and exothermic / endothermic chemical reactions. We'll experiment with slime, bath bombs, chemical worms and more! Put simply we'll have lots of messy, scientific fun. **Please bring an old shirt or t-shirt as we might get messy!**

THE AMAZING FOUR STOREY BUG HOUSE

WITH MARK MAXWELL

Have you read *Charlotte's Web* or watched *A Bug's Life*? These texts look at the world through a spider's and an ant's eyes. Well, in this workshop you are going to build your very own miniature wooden bug house, and you'll bring your creation to life by adding habitat for solitary bees, ladybirds and other beneficial insects such as lacewings. These invertebrates provide the vital role of pollination in your garden or are great at predator control, munching through aphids and the like. You might even start with a climbing wall to get into the different levels! Through the design process you'll work with natural material and add simple machines like levers and pulleys that lift visitors up to the top level containing the sleeping quarters. Even a bug house needs to be safe to live in, so your design must pass the earth-tremor test. To receive your Certificate of Compliance your walls, roof, and floor must be sturdy with just the right level of support. ***This program has a \$4 levy. The Bug House will be yours to take home.***

EMMET'S AWESOME ELEMENT ADVENTURE

WITH MEG PINI

Oh no! The Systar System's evil forces have kidnapped Batman, Lucy Benny, and Unikitty from Bricksburg and are holding them captive in a secret location in the LEGO universe. Emmet Brickowski is desperate to rescue his friends, but first he needs to determine where they've been taken by analysing four clues found in the bag dropped at the site of the kidnapping. During his initial investigations Emmet concludes that the clues provide information which may help him find them, but he lacks the scientific skills to make any more sense of them. Emmet needs the support of a crack team of scientific investigators – and that's where you come in! In this workshop you will learn about atomic and subatomic physics in order to identify different chemical elements. Can you help Emmet interpret the clues and rescue his beloved friends or will they remain in the clutches of Queen Watevra Wa'Nabi... forever?

WILLY WONKA'S MARVELLOUS MATHEMATICS

WITH LEANNDIA READ

"We must hurry!" said Mr. Wonka. "We have so much time and so little to do! No! Wait! Strike that! Reverse it!" Actually, we have lots to do! Our mathematic knowledge is needed all over the factory so that quality control can be maintained. How can we work out how many bubbles there are in a bottle of fizzy lifting drink to make sure that everyone who drinks it will float to the same height? How can we calculate how many pieces of Mike Teavee are floating over our heads when he shrinks himself so we know for sure if he'll fit on the TV screen? And in the middle of all of that, Mr. Willy Wonka wants to buy spanking new uniforms for the Oompa Loompas and he needs to know how tall they are so that he can buy the right sizes. But there are thousands of Oompa Loompas, and he doesn't want to measure every single one – what a headache! Can you help? In this workshop we'll use our number and data analysis skills to learn more about interpreting statistics. We may even need to use a little chocolate to help us too...***Note for those with food allergies: M&Ms will be used as part of this workshop.***

THE MYSTERY OF THE TRAVELLER'S CHEST

WITH ANNETTE SUBHANI

An old travellers' chest has been washed up on the beach. Who could this chest belong to and does it hide a secret? Our task will be to beat the change of tide and solve who owns the chest. We begin our quest as we open the chest and discover some unexpected things including some engraved letters on the chest, a piece of an old map and part of a blueprint for some peculiar contraption. To help us with our investigation we will use our mapping and plotting skills, need to find a series of clues, decode a strange letter written in invisible ink and decipher the blueprint. No doubt, we will draw the right conclusions and achieve our goal, before the mystery it contains is washed away.

ROCKPOOL RAMBLES

WITH REBECCA FRASER

Ever been to the beach without leaving the room? Let us bring the beach to you! Close your eyes...can you hear the roar of the ocean? Taste the salty spray on your lips? Feel the sand between your toes? In this creative writing workshop, we'll set the clock for a series of ocean-themed pieces of writing determined by what is drawn from the Mystery Box? Let your senses guide you and enjoy the freedom of impromptu writing. Allow the ebb and flow of your imagination to pull you like a tide ... you'll be surprised where it takes you. Inspired by our pieces, we'll then turn our hand to a longer work and re-examine the 'show don't tell' theory of descriptive writing to take our writing to the next level. If you've ever wanted to paint mind pictures with your words, this is the workshop for you!

CHAOS IN THE ZOO-NIVERSE!

WITH NOVA WEETMAN

You are a genius inventor with special access to a magical, historic book that can bring to life the animals you draw. Imagine you create an animal that is half lion and half snake. Your s-lion may look cute on the paper, but when you smuggle him into school and he escapes from your schoolbag, he might decide he's a little bit hungry. He might decide your teacher looks rather tasty. And then what will your s-lion do? In the world of zoo-niverse you can create any sort of mash-up animal your imagination can invent, but be careful what you create, because you will have to write your character into some tricky situations and back into your magic book.

THE BATTLE OF TWO KINGDOMS!

WITH MEGAN DREDGE

For as long as everyone can remember, the inhabitants of Chitter Chatter Castle and the nearby Soundless Stronghold have been at odds over control of the common ground between them and the well that dispenses magical water located on that land. The boisterous, bumbling Sir Talk-A-Lot (from CCC) insists that this area belongs to him whereas the haughty Baroness Gesticulatum (from SS) will not yield to what she sees as an absolutely 'ridiculous' proposition. Now the fight is really on and **you** need to help solve this impossible impasse without them coming to blows! The Chitter Chatter people believe that they can win through the power of words whilst their enemies believe expression and gesturing will win the day! Who is correct? Which kingdom should triumph? Let the contest begin! In this expressive, energetic, dramatic (and probably noisy, and sometimes quiet) workshop, you will help sort out the subjects and, in the process, discover the mysterious, secret powers hidden within the well. ***Please wear comfortable clothing.***

WALL – E THE PLANT LOVING ROBOT

WITH JOANNE DAVIS

Wall-E is a futuristic plant-loving robot that wants to save Planet Earth and humankind. Come and join our intrepid team of young scientists to investigate why water and light are important to keep plants alive. We will be entering our space lab to perform experiments, including creating carbon dioxide, testing the pH of water, looking at plants under a microscope, and observing photosynthesis. In order to save Earth we will also learn how to purify contaminated water for drinking, and growing crops. If you are up for the scientific challenge of a lifetime, then come on board!

IT'S A MONSTER SUPPORT GROUP!

WITH SUZIE THOMAS

You monsters get a pretty bad rap in stories. You're constantly described as ugly, you have to eat disgusting things, and in the end, the good guys usually beat you. Ogres, we know you can't help being smelly. Dementors, it's not your fault that the temperature drops twenty degrees whenever you're around. And as for you Jabberwock – people don't even bother to use real words when they're telling your story! We, at the Monster Support Network know that all this bad publicity is starting to take its toll on you; the Monster community, and we'd like to help. We invite you to come along to our support group to share your story and enjoy spending time in a place where monsters are appreciated for who they are. We'll help you develop your scaring skills through fun drama games and activities, and we'll finally give you, the monsters, a chance to have the final say. ***Please wear comfortable clothes that allow you to move freely.***

**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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