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Newsletter of the Brainwaves Club at Ivanhoe Grammar School

Issue Ten – July 2010

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We must take the opportunity to thank Ivanhoe Grammar, especially Helen Page-Wood, for such wonderful care and support. We have so much enjoyed being part of the Ivanhoe campus!

At enrolment, we made an effort to update any changes to families' contact details. Let Sue Sturges know if anything changes, and definitely contact the Office on: christine@gateways.edu.au.

Sue will be available to answer your questions at each meeting and keep things running smoothly on the day.

We are lucky to have such a great venue for our Brainwaves Club but parking can sometimes be a problem and not just for our parents. It is very important that the rights of local residents be respected. This venue offers street parking only.

All club members have received a letter from their presenter outlining the program and any requirements that they will need to bring to club meetings.

Please ensure we have all your contact details, including the mobile number of any person who is collecting a child on your behalf. Application forms should include contact details for both parents. If your contact details change during the semester, please let us know at the office. When you register your child at the first meeting, you will be asked to check that the email address we have on our records is correct. This is important because during the semester, we communicate with parents via email. Our newsletter 'The Encephalograph', will contain information about G.A.T.E.WAYS programs and will keep you up to date with club news. Each edition also contains club reports from your presenters. At registration you will also be asked to sign next to your child's name to indicate whether photos of your child engaged in various activities can be published in the newsletter. Please take the time to complete these details at registration.

Brainwaves Club Dates – 2010

School Holidays

Round Two

Session One Saturday 24th July

Session Two Saturday 7th August

Session Three Saturday 21st August

Session Four Saturday 4th September

School Holidays

Session Five Saturday 9th October

Session Six Saturday 23rd October

Session Seven Saturday 6th November

Session Eight Saturday 20th November

Parents and Teachers

Do you have information or news, especially about gifted and talented education and events, which you would like to share with others? Such information is always very welcome in the Encephalograph.

What a wonderful start to the year. Last semester all the Brainwaves clubs enjoyed learning how to love learning. Well done! Sue did a fantastic job of supervising. Don't forget to call Sue Sturges on **0419 552 567** if you have to miss a session, as our policy is that we phone absentees if we don't know where they are.

IMPORTANT THINGS TO REMEMBER

- Brainwaves Club meetings commence at 1.30pm and finish at 4.00pm. Please be on time so you don't miss out on the start of the program.
- Supervision is provided from 1.15pm until the last child has been collected; however we appreciate being informed if this is likely to be later than 4.15pm. In the past we have had children become quite distressed when not collected by that time.

Children need to bring a healthy snack and drink to enjoy during their break. **NO NUTS PLEASE**

DOES YOUR CHILD HAVE A FOOD ALLERGY?

G.A.T.E.WAYS is committed to making the Brainwaves Club a safe and friendly environment for all our club members. Please be aware that we have children in attendance with serious food allergies. Please do not send nuts or foods made with nut products in your child's snack. Such foods include Nutella, nut based snacks and muesli bars. We thank you for your co-operation in this matter.

If your child carries an Epi Pen or allergy medication, please assist our supervisors and presenters by following these important guidelines:

- Provide your child with an insulated bag or container containing your child's medication.
- His /her name must be clearly printed on the outside of the container.
- Include a copy of his/her current action plan with a recent photo.
- Please speak to Christine and your presenter, if there are any changes to medication or the action plan.

Please ensure students pack a wide brimmed hat and sunscreen in the warmer months. A coat and warm clothing is great for cold winter days.

Ensure you have Sue's mobile number (0419 552 567) keyed into your phone, in case you are delayed 'en route'.

Please respect local residents – and other Brainwaves parents - by ensuring full roadway and driveway access when parking.

Ensure the person/people you have listed as Emergency Contacts are aware you have done so. It can otherwise

be awkward trying to explain who is calling on behalf of a child who is unwell.

Car pooling is a great way to share the load of travelling to and fro, and it's an equally great way to meet other families and your child's new friends. Talk with other parents in your child's club to see if something can be arranged.

Ensure all your child's belongings – clothing, toys, pencil cases, drink flasks, snack boxes, etc – are named. The amount of lost property accumulated by Brainwaves/G.A.T.E.WAYS over one year is beyond belief!

About our Clubs and Presenters

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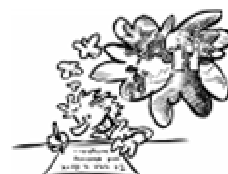
The Munchkins write and perform!

Location, Location, Location!

Books let us travel all over the world, visiting different people, different places and different ideas along the way. This course uses a variety of different settings to engage enthusiastic literacy students in different elements of storytelling and writing. Munchkins will have the opportunity to develop wonderful and varied descriptions of places, explore the oral tradition that challenges them to use their voice to capture the audience's imagination, think about using precise language to get their point across and the development of a short script.

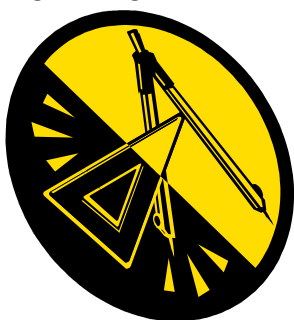
About the presenter:

Amanda Baker is an English and Drama teacher who is close to finishing her Masters of Arts in Children's Literature and Writing. She loves exploring literature, and working with children to develop their writing and drama.



The DinoMites
taste a smorgasbord of science

Semester 2 will be a 'powerful' feast of science, maths and engineering, with lots of practical problems to solve, technology to explore and challenges to conquer. We will look at a range of different topics involving how machines are built, and how forces such as pneumatics, friction, light and sound work. A range of hands-on tasks will make the learning real, and fun.



About the presenter

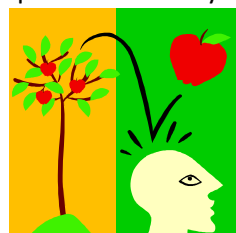
Carla Maxwell is a Lego Robotics teacher who has completed a Masters in Computers in Education at the Department of Mathematics and Science at the University of Melbourne. She has also completed a Bachelor of a Teaching and Bachelor of Fine Art at the Victorian College of the Arts. This has allowed her to develop a unique perspective on teaching in a creative and integrated manner. Carla continues to plan activities for students that are fun, hands-on and experience based, taking into account aspects of mathematical and scientific principles.

Carla will be assisted by Connor Pini

The SciSpies investigate the magic of science and maths!

Beyond the Law

Scientists are people who gather information about the universe and how it works. To do this they ask questions and try to answer them by using observation and experiment. In the second semester we investigate principles and laws developed by some of the world's greatest scientists and mathematicians.



Requirements: SciSpies will need to bring their pencil case, an enquiring mind and a desire to be challenged.

About the presenter:

Maureen Frith is an experienced classroom teacher with a passion for mathematics, science and technology. She is returning to The **G.A.T.E.WAYS**

Brainwaves Club after two years' break during which she completed her Graduate Certificate in Gifted and Talented Education. Maureen encourages students to be active enquirers, making use of higher order thinking skills to extend and enrich their learning, and to share their knowledge and appreciation of the universe in which we live.

The Einsteins explore scientific mysteries!



Semester 2 will be a smorgasbord of mathematics and science with lots of practical problems to solve and a few trips into mathematics and science of the past. We will look at a different topic each session but we will also retain our "Question & Answer" session at the start. Bring along some interesting questions for the next session. We will also introduce a session called "Interesting Snippets in Science". Bring along a topic that has been on TV or in the newspapers in the previous week and we will have a look at it.

Requirements

Students must bring:

- A book and something to write with
- Calculator (sessions 7 & 8)
- Boundless enthusiasm

About The Presenter:

Geoff Crawford is a scientist (microbiologist), researcher, consultant and science communicator who loves to discuss science and the imagination. His aim is to give children a love of learning and discovery, and an appreciation of the world of thinking and wonder. He has been presenting programs at G.A.T.E.WAYS for ten years in the broad areas of science, maths, problem solving and crime.

The Apprentices get creative!

Imagine That!!

Welcome to the wonderful world of the written word! During these eight weeks, you, my lovely young Apprentices, will be



engaged in discussions and discoveries of some of my favourite and focused frolics into the sometimes silly and ever engaging land of literature. Through dramatic play, heated discourses and reading oodles of different styles of written creations (both old and modern), we will examine the hallmarks which distinguish truly great pieces of work from each oeuvre. Next, it will be up to you- can you incorporate new knowledge with your imagination and intellectual resources to compose a work reflective of your own literary genius? The challenge- should you choose to accept- is up to you!

To Bring:

Number 1: Your Imagination. This is a **very** essential tool for the young apprentice as nothing is accomplished without thinking outside, around and through this incredible world of writing.

Number 2: A Notebook. How else to record your devastatingly amazing cerebral concoctions, hmm?

Number 3: A Pencil Case. Filled preferably with any writing implements you yourself might find useful.

Number 4: Yourself. Or else it will be a pretty boring eight weeks for me I would say!

Number 5: Snacks and Water to keep yourselves fed and watered!

About The Presenter:

Sarah Genreux has spent her life adoring the written word and has pretty much been glued to a book (or several all at once) since birth. She believes that creating truly great literary work is an art form, which, like any other, must be practiced, played with, examined and appreciated. As a professional teacher, Sarah relishes the opportunity to inspire, challenge and support bright young minds as they reach towards excellence in all their endeavours

G.A.T.E.WAYS Journey Programs for Term 3

The next round of Term 3 Journeys and On Location programs are now enrolling! Some programs are already full, but we still have limited places which commence mid August.

All program details are up on our website www.gateways.edu.au Follow the link to Journeys and On Location Timetable on the home page.

If you are interested in enrolling see your School G.A.T.E.WAYS co-ordinator and/or ring Denise on 9894 2116



14-22 AUGUST 2010
www.scienceweek.gov.au

CELEBRATING 100 YEARS OF THE AUSTRALIAN COMMONWEALTH

GENE TECHNOLOGY ACCESS CENTRE

Celebrate Science with us
"DNA FUN SUNDAY"
Sunday 15th August, 1.30pm–3.30pm



An opportunity for students in Years 5 to 7 and their family members to meet and work with some of the country's brightest young scientists. Students can participate in a range of activities that include extracting DNA from cells, investigating patterns of inheritance and exploring the world of microbes. Experience, first hand, the GTAC learning environment; Victoria's unique world class facility dedicated to enhancing student learning in cell and molecular biology.

The Gene Technology Access Centre
University High School
1H Royal Parade Parkville

This is a free public program. Registration is essential.

To order your complimentary tickets phone GTAC on 9 340 3600 or e-mail: gtac@gtac.edu.au

Excellence and innovation in cell and molecular biology education



GTAC Accredited 2010

