Saturday 17 May 2008
8.30am - 3.30pm

Venue: Macarthur Anglican School
Cobbitty Road, Cobbitty

Cost: $85.00
(includes Morning Tea and Lunch)

Applications close 9 May, 2008

What is GATEway Quest?
GATEway Quest offers gifted children the opportunity to learn new and exciting skills in a fast-paced, supportive environment. The participants will, in one Saturday, complete research and activities which, in a classroom, could take up to four weeks. During the day the children learn a new skill, use that skill and have the satisfaction of seeing a result from their efforts. They are encouraged to accept challenges, to experiment and to develop a positive, proactive approach to learning. Activities are delivered by qualified teachers and are designed to suit children of differing ages and interests.
1. Simple Electronics  
Intended Age Group: Year 5 – Year 7  
Description: Do you want to learn more about electronic circuits? Do you pull apart your toys to see how they work? This course will allow you to have fun with electronic circuits through designing and making simple battery powered vehicles, using switches, resistors and solder. This is a great task for the electronically inquisitive.

2. Archaeological Dig  
Intended Age Group: Year 4 – Year 6  
Description: In this activity you will have the opportunity to take part in a miniature archaeological dig. As a team you will face the challenges of excavating and piecing together a variety of evidence. You will then need to strain your brains and employ your problem solving skills to crack the code and solve this ancient ‘who – done – it’ murder mystery.

3. ‘Babel’: Create Your Own Language  
Intended Age Group: Year 7 and Year 8  
Description: Ever wondered how languages work? In this activity you will create your own language for a fictitious country and put that language into practise. Activities will include: making mini-dictionaries, designing flags and national dress and performing role-plays.

4. Newsflash!  
Intended Age Group: Year 4 – Year 7  
Description: The GATEway Herald must be completed by the end of the day to reach the publishers in time. Learn publishing skills as you take photograph and conduct interviews to bring breaking news to the publication. Using IPhoto and Indesign, edit and print a copy of the GATEway Times, to be taken home by all GATEway Quest participants.

5. Darkroom Creations  
Intended Age Group: Year 5 – Year 8  
Description: Explore and experiment with the creative and inspiring art of Black and White photography. Learn about the developing and printing process and use this to create your very own photogram illustrations. This is a great activity for those with a creative twist and acquire skills for imaginative creations.

6. Sweet Science Sensations  
Intended Age Group: Year 2 – Year 4  
Description: Have you ever wondered how the holes get into honeycomb or what makes your tongue fizz when you eat sherbet? This activity involves creating sensational science experiments with everyday kitchen ingredients.
7. Words Alive
**Intended Age Group:** Year 5 – Year 7
**Description:** Do you love to create stories where the words jump from the page to ignite the imagination and encapsulate all of the senses and emotions involved? If you are prepared to share and encourage others in a supportive environment where ideas will be accepted then this activity is for you.

8. Stop Motion
**Intended Age Group:** Year 5 – Year 8
**Description:** Create a movie using animation techniques like the professionals. This Stop Motion workshop will bring out the creative side of any student and allow you to promote your newly created movie by adding sound tracks using GarageBand software. The use of clay animation is limited only by your imagination. Impress your friends with a take-home copy of your work and gain a head start to a future film career.

9. Robo Mania
**Intended Age Group:** Year 4 – Year 6
**Description:** Ever wanted to create your own robot? Using Lego’s RoboLab, you will get the chance to create robots to solve a number of challenging problems. Combining computer programming with your Lego creations, this activity suits all those interested in the mechanics and innovation of robotics.

10. Reptiles....ssssssss
**Intended Age Group:** Years 2 and Year 3
**Description:** How would you like to smell the breath of a 2.5-metre carpet snake? All this and more will be experience by the first twenty students to register for this activity. A full day of reptiles and learning about their habitat, bone structure, feeding habits and lots more. Be quick for this popular activity.

11. Rocket Science
**Intended Age Group:** Year 5 – Year 8
**Description:** Build a model of a rocket after discovering how rockets work and exploring the history of space travel. Build models of your favourite rocket and take part in a group project to launch a rocket from a launch centre. This course is a must for all budding space heroes.

12. Short Film Production
**Intended Age Group:** Year 6 – Year 8
**Description:** Use the latest technology to film and edit GATEway Quest activities throughout the day. Using the latest industry processes, this session will take you through each stage of developing a high quality DVD that will be distributed to the entire GATEway team. Learn editing and reporting skills with a professional.
Application Form

Student Name: ________________________________

Address: ____________________________________
____________________________________________
____________________________________________

Telephone: __________________________________

Contact on Day: ______________________________

Email: _______________________________________

List up to three course preferences:
1. ________ 2. ________ 3. ________

Payment by Credit Card, Cheque or Money order to:

Macarthur Anglican School
PO Box 555
CAMDEN NSW 2570

Credit Card Details

☐ Bankcard ☐ Visa ☐ Mastercard

Total Amount: $ ________

Card Number ________Expiry ______/

Cardholder Name: __________________________________

Cardholder Signature: __________________________________

Medical Information: Please indicate any illness or condition of which leaders
should be aware and for which medical attention may be required:

_________________________________________________________________

Parent Consent: In case of accident or illness during the day I give permission
for Macarthur Anglican School to arrange medical attention for my child. I have
informed Macarthur Anglican School of any conditions/illnesses which may inhibit
or affect treatment.

Parent/Guardian Name: _________________________________________

Parent Signature: _____________________________________________