

MindQuest 2019

St George Girls HS

Victoria St Kogarah

Saturday 21 & Sunday 22 September 2019 9.30am - 3.30pm

For Gifted & Talented Primary Students

The Courses

Secret Missions

Years 1 2

This will suit you if you:

- Enjoy solving problems
- Love designing and making
- Enjoy working in a team

Do you like to create things from recycled materials? Do you like to solve secret messages and word problems? Solve the spaghetti challenge, build the tallest tower to hold your teams flag, and solve other secret missions. Learn about design processes, present your team's design and discuss its strengths. Challenge yourself to think outside the square!

Light, Colour, Action!!

Years 1 2

Imagine a world without colour- it brings everything to life! You will investigate the colours in light coming from objects, the hidden colours of inks, secret codes and the mysteries of dyeing and printing.

You will learn the secrets of the eye and discover the magic of rainbows. If you enjoy designing and making and exploring the world around you, then you will certainly enjoy this fun filled course!

How Does The Earth Work?

Years 1 & 2

This will suit you if you:

- Are interested in volcanoes and how the earth changes.
- Like making models

Discover how the earth changes and how rivers and mountains are made. Build your own volcano and see how it works! Find out about famous volcanoes, great earthquakes and the ring of fire! Discover the myths and legends of the past.

Young Writers Workshop

Years 1 2

This will suit you if you:

- Love writing and are imaginative
- Like expressing your ideas.

Would you like to write your own play? If you love writing, enter the world of heroes and heroines, winged horses and fantastic creatures. We will have fun writing scripts, making costumes and scenery to finally perform your extraordinary creation in front of an audience.

Science Action

Years 1 2

This will suit you if you:

- Are interested in Science
- Enjoy making and seeing how things work.

Can you design a vehicle that travels on land and water or a rocket that travels into the beyond? This course will stimulate your curiosity and challenge your thinking as you design a variety of vehicles capable of moving in air, land and water. Working in small groups you will have fun learning about the wonders of science!

Mathemagic

Years 1 2

This will suit you if you:

- Love mathematics
- Think creatively and enjoy constructing

Do you want to have fun with numbers, use a calculator, do tangram and tessellation puzzles? Learn the many ways to solve puzzles using logical thinking skills! Use your creative skills to build the tallest tower! This enjoyable course is full of challenges, puzzles and games.

Young Scientist

Years 1 2

This will suit you if you:

- Like solving problems & making things & are interested in Science

This is a hands-on course that will stimulate your curiosity as we challenge your problem-solving and design skills. Learn about electrical circuits and electromagnets, design the strongest bridge and learn all about air pressure. All the girls who have done this course just love it!!!!

Superhero School

Years 1 2

This will suit you if you:

- Enjoy acting and role playing
- Love superheroes and creating imaginary worlds

Would you like to create your own superhero and do battle against evil forces? Learn what makes a scene action packed and how to create a character worth fighting for. In this fun, fast paced course both boys and girls will use their creative skills to make costumes and storylines that will culminate in an heroic performance to be remembered.

Animal Antics

Years 2 3

This will suit you if you:

- Enjoy "hands on" experience with live animals (under supervision)

In this unique course you will discover the secrets of Australian wildlife working with experts who handle these animals every day! You will discover many interesting facts, including the mysteries of Australian dinosaur discoveries, habitats, threatened species, and gain a fascinating insight into how many animals bring up their young.

Fun, Foam & Floaty Bits Years 2 3

This will suit you if you:

- Love to paint create and explore
- Like using inks, pastels, plasticine, wire and collage materials.

Become an artist as you will feel the seas through your hands and discover that you can create fish swimming through gardens of coral. You will be working with a variety of materials to create paintings, models and collages based around a sea theme and be inspired by other artists.

Brainy Bodies Years 2 3

Are you fascinated by the human body? Are you amazed at the speed of a cheetah and how some animals survive in incredibly harsh conditions?

Our journey will explore how living things have evolved "Brainy Bodies" over a millions of years to ensure their survival in different environments.

You'll be a neuroscientist and learn how to protect the brain! You'll see why water is essential not only for life but for fitness! You'll be a scientist and observe body parts (not human) to create new knowledge. You'll learn the secrets of the human body to improve performance in many areas of life, including sport.

Funtastic Funfair Years 3 4

This course will suit you if you:

- Enjoy learning about how things work
- Like craft and making things

Spin, flip, whirr and roll your way to an understanding of simple machines and how they work. Collaborate with other students as you perform experiments and solve challenges.

Then use the design process to plan and construct your own model funfair ride using simple machines. Will you create a pretty carousel, a super fast roller coaster or an original funtastic ride you've dreamed up using your imagination?

Adventures in Art Years 3 4

This will suit you if you:

- Are highly creative and artistic
- Enjoy manipulating different materials to create new and interesting art work.
- Enjoy experimenting with clay and collage techniques

You will enjoy exploring innovative drawing and painting techniques to create wonderful new artworks. You'll be using a variety of materials to create paintings, printmaking and clay sculptures inspired by famous indigenous and Australian artists. This unique course will ignite your creativity and imagination!

Star Gazing Years 3 4

This will suit you if you:

- Are curious and enjoy learning new facts

Have you ever wondered what's out there? Would you like to know more about the solar system, space travel and the mysteries of deep space? In this INTRODUCTORY course we shall discover black holes, constellations, the marvels of lunar landings and much more.

Clear As Crystal Years 3 4 Introduction to Geology

This will suit you if you:

- Want to learn more about earthquakes, volcanoes & plate tectonics.
- Are interested in rocks or like collecting & classifying them.

Do you ever wonder how mountains and continents are formed? Do you want to know how earthquakes are caused and volcanoes erupt. Would you like to grow crystals and view them through a microscope? We will explore the secrets of the earth's crust and make models in this exciting and challenging course.

Please choose carefully and put down only those preferences your child wishes to attend!

Egyptology Years 3 4

This will suit you if you:

- If you want to learn MORE about life in Ancient Egypt
- Can read at an advanced level.

Visit 3000BC, Ancient Egypt and the time of the Pharaohs? Investigate the mystery of the Afterlife and The Book Of The Dead. Test your knowledge of magic, medicine and deities in this world and discover the secrets of being happy in this life and the next. Learn why the Ancient Egyptians went to great lengths to prepare the dead for their journey into the next life.

In this course you will create clay tablets inscribed with hieroglyphic messages, make your own papyrus and design and make an amulet that will aid your passage into the next world

Maths Ace Years 3 4

This course will suit you if you:

- Love and have an aptitude for maths
- Like solving brain-teasing puzzles

In this course you'll challenge yourself to be a 'Maths Ace'! You'll whizz through logic puzzles and have extreme fun creating and decoding messages. In this course you will learn new strategies to enhance your problem solving abilities and become more aware and 'world-wise' linking learning with life!

The Wonderful World Of Harry Potter Years 3 4

This will suit you if you:

- Love Harry Potter
- Enjoy reading, writing and acting.

Can you explain Quidditch to a Muggle? Would you write a war cry for Gryffindor, Slytherin, Hufflepuff or Ravenclaw? What would you do to a Snape or Quirrell? In this workshop we will create spells, Sorting Hat songs, house war cries and magical adventures. We will also act out parts of *Harry Potter & the Philosopher's Stone*. You must have read this book to attend the course.

Chemistry That's Goopy, Bubbly and Mysterious. Years 3 4

This will suit you if you:

- Are interested in science and technology
- Are curious and have an inquiring mind.

Work out what's happening as things change, froth or bubble. Solve problems as you analyse chemical concoctions. Test ideas as you try to make a polymer of a model you have produced yourself.

Investigate the chemistry of everyday substances and carry out chemical reactions to learn how substances behave. You will be challenged to use this new knowledge of chemistry to discover the contents of mystery bottles. Activities will include goopy polymers, acid bases, mystery powders and colourful chemistry!

Crime Stoppers Junior Years 3 4

A crime has been committed and we need your help as a forensic scientist. You will be briefed on the crime and asked to investigate the scene, collecting any possible evidence which might help.

Applying the latest techniques, you will analyse everything from fingerprints to ransom notes, footprints to fibres. You will then have to prepare your evidence to present in court. Have you kept an open mind and checked all possibilities and angles? The court case will tell!

Drama Drama Years 3 4

This will suit you if you:

- Love to act & express your ideas creatively.
- Have a great imagination & like to work with others

Your imagination is one of your most important assets, it allows you to create other worlds, creatures and characters. Enter the world of the theatre as you learn to improvise, improve your performance skills and dazzle the audience!

Future Problem Solving Years 4 & 5

This will suit you if you:

- Think outside over and under the box.
- Work well on your own and with a partner.
- Persevere through challenges as you explore, build and test your ideas.

In this course you will learn how to "think big" by "thinking small" and learn how you can solve problems that impact you and the rest of the world. If you like to explore why things are the way they are and what you can do to change them then this is the course for you!

You will solve everyday problems that you are interested in by learning how to use design and systems thinking to

Creative Cartooning Years 4 5

Learn the secrets of the world's most famous animation artists! Create your own cartoon characters, make them run, jump and leap about! Draw any weird or wonderful creature your imagination can conjure up. The award winning creator of two popular comic strips will lead you through this fast paced, fascinating cartoon drawing workshop and unleash your creative potential. Do you want to know the best bit? It's simple and fun.

Art Moves Years 4 5

This will suit you if you:

- Like experimenting with art and learning new techniques and skills.
- Enjoy finding out about artists and their art making. Love art!

Have you ever watched a movie, heard a song, listened to a story or seen and image that made you feel happy, sad or just made you think? Within this course we explore the concept of art and how it makes you feel! We investigate new techniques and take our inspiration from famous artists to create our own amazing masterpieces!

MiniBeasts Years 4 5

This will suit you if you:

- Love science and the environment
- Are curious

Come and enjoy the exhilaration of the wonderful world of minibeasts. Discover the fascinating world of insects through a scientist's eyes. Gain an upclose experience with a range of insects and explore the amazing ways they live and survive. Create your own insect home so that you can continue your investigations at home.

Dynamic Debating Years 5 6

This will suit you if you:

- Are confident in speaking with others.
- Have an interest in debating at school.
- Are a team worker.

Do you like to state your opinion? Can you see both sides of the argument? Can you "lie through your teeth"? In these workshops you'll learn the basic elements of debating. You will be working in teams to develop topics and case lines, gaining the necessary skills for a full scale debate. Watch exhibition debates, learn the secrets of first class debating.

Digital Animation and Video Editing Years 5 6

Would you like to edit and produce your own digital movie? Explore the exciting world of animation and digital video creation. This course will have you creating sets, scripting, filming and editing a short animated film. You will be using the latest computer software and digital cameras and be covering topics including lighting, sound recording and film making.

Closing Date
Friday 23 August 2019

MindQuest 2019

Saturday 21 & Sunday 22 September 2019 9.30am - 3.30pm
St George Girls HS
Victoria St Kogarah

This 92nd MindQuest program is to be held at St George Girls HS, Victoria St, Kogarah offers 37 exciting courses for gifted and talented students Years 1-6. This fast paced challenging program is designed to enrich and extend students of similar interests and abilities.

Course Leaders

All course leaders are experts within their fields. Their backgrounds vary widely. They represent primary and secondary schools, as well as tertiary institutions. Each one is committed to fostering students' potential. Many have been involved in developing and teaching programs for gifted and talented

Students Who May Wish To Apply

In the past these courses have proved very successful for a range of students.

- Gifted and/or talented students
- Gifted underachievers
- Students of well above average abilities with a special interest.

The majority of students applying have been nominated by their schools. However, if you believe that your child is in one of the above categories and has not received a form, or is a sibling of a past participant, please contact the MindQuest program for an application form. If your child has a physical or learning disability or medical condition please make sure that you inform us in the medical section on the application form.

Kindergarten Students

Each year we have a number of enquiries from parents of kindergarten children who wish to attend. In general, we encourage parents to wait until the next year except in the case of exceptional students. These children not only have high intellectual ability and language skills, but demonstrate excellent reading, writing and hand eye coordination equal to that of an advanced year 1 student.

Course Selection & Advanced Placement

Please put down only those courses that your child would like to attend. We do place children on course in the order that we receive applications, however we take into consideration the balance of the courses in terms of age and gender. A child's specific interest should govern his/her choice. However, girls should be encouraged to choose more courses in science and technology and boys in drama, writing and other creative fields. Advanced placement on our courses are available for outstanding students. You will need to ring Shelagh Poray to determine suitability prior to filling in the application form

Cost, Part Scholarships & Refunds

The fee for the MindQuest Enrichment Weekend is \$200 (inc GST). A limited number of part scholarships are available for students whose families find themselves in difficult economic circumstances. Please contact us for details. A full refund is issued for any course cancelled. Refunds will be available prior to the closing date on **Friday 23 August 2019**. **After the closing date no refunds or transference of credit to the next weekend can be issued unless a medical certificate is received. Please do not ask.**

Confirmation

You should receive a letter giving details of your course before Friday 13 September 2019. If we are unable to place you on course we will contact you by email/ letter prior to this date

Program Times 9.30am-3.30pm Saturday and Sunday 21 & 22 September 2019

NSW Talent Centre Pty Ld
02 4959 7148
PO Box 577
Toronto
NSW 2283
www.mindquest.net.au

Closing Date Friday 23 August 2019

MindQuest Enrichment Weekend St George Girls HS
 Sat & Sun 21 & 22 September 2019 9.30-3.30
 Application Form

Please email before
 Friday 23 August to:
 admin@mindquest.net.au

Personal Details

First Name _____ Surname _____

Date of birth _____ Home telephone _____

Address _____

_____ Postcode _____ Grade/Year _____

Email Address _____

School _____ Male Female

Please list up to **six** enrichment courses in order of preferences.
 You will participate in only **one** course for the weekend.
 Please list **ONLY** those courses you are willing to attend.

Course 1	_____
Course 2	_____
Course 3	_____
Course 4	_____
Course 5	_____
Course 6	_____

Contact numbers and names for this weekend	1Name	Number
	2Name	Number

Payment may be made by credit card, cheque or money order to NSW Talent Centre Pty Ltd.
 Post application and payment to:
NSW Talent Centre
 PO Box 577 Toronto 2283 NSW

Cost of attending the enrichment weekend is **\$200 (including GST)**. Payment by instalment is available for families with 2 or more children attending. Contact Shelagh Poray for information. **02 4959 7148**

Credit Card Details

Please debit my Visa Mastercard for the amount \$ _____

Card Number _____ / _____ / _____ / _____ / _____

Expiry Date _____ Card Holders Name _____

Signature _____

Medical Information. Please indicate below any illnesses/conditions in case medical treatment is required or that course leaders/organisers need to be aware of.

Parent/Guardian Consent

In the event of an accident or illness during the weekend I give permission for my child to receive medical attention. I have informed the NSW Talent Centre of any condition/illness which may inhibit or affect treatment. I have read and understood the REFUND policy.

Parent/Guardian Name _____ Signature _____