

MindQuest 2020

St George Girls HS
Victoria Street Kogarah NSW 2217
Saturday 4 & Sunday 5 April 2020 9.30am - 3.30pm

This 94th 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 \$210 (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. **Refunds are available up to the closing date of Friday, 13 March, 2020. 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 27 March 2020. If we are unable to place you on course we will contact you by email/ letter prior to this date

Please email your application to admin@mindquest.net.au or post to:

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

Closing Date Friday 13 March 2020

MindQuest 2020

St George Girls HS

Victoria Street Kogarah NSW 2217

Saturday 4 & Sunday 5 April 2020 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 team's 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.

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.

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 whiz 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 Gooley, 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 gooey 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 an 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.

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

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

Shakespeare's Heroes & Villains Years 5 6

This will suit you if you:

- Love drama
- Enjoy English and poetry

Meet some of Shakespeare's most loveable, devious and evil characters. Imagine you are a witch conjuring up evil spells, a king preparing his troops for battle, a young prince pursuing his father's killer or a practical joker. These are some of the wonderful characters you will be! Discover Shakespeare's fantastic mediaeval world and enjoy recreating some of the famous scenes from his plays!

Email your applications to
admin@mindquest.net.au
Closing Date
Friday 13 March 2020

Chemical Reactions: Mystery Gases Years 5 6

This will suit you if you:

- Enjoy science and problem solving

Challenge your thinking as you find out about chemicals and their reactions in this practical hands-on course.

Discover how colour helps chemists solve problems and learn the secrets of universal indicators. Unlock the mysteries of chromatography, polymers, the periodic table, acids & alkalis. Solve the code used by chemists. This fun filled course is a must for anyone who is interested in all things chemical!

Film and Television: Make, Post, Share, Like, Hashtag Year 6

This will suit you if you:

Are creative, enjoy drama and can work in a team.

Learn how to use pre and post production techniques to make a news segment and short film. Students will collaboratively develop, produce and film a project of their choice. They will learn terminology, techniques and the legal requirements of filming in Australia and even how to publish on social media platforms.

Forensic Science Years 5 6

This will suit you if you:

- Can read at an advanced level.
- Are a self-directed learner who perseveres.
- Likes working in a precise manner with complex material.
- Enjoy solving real life problems using modern technology.

This exciting hands on course will challenge your thinking skills. You will be analysing information, thinking logically, questioning evidence and preparing an argument. Learn up to date forensic methods including analysing fingerprints, taking casts of footprints, DNA profiling, examining evidence using microscopes and much, much more!

Marine Science Years 5 6

This will suit you if you:

- Are interested in the underwater world
- Enjoy learning about chemistry, the human body and physics.

Our oceans are a vital part of our world and such a precious resource! In this course you will discover the infinite variety of living things that live in or near the oceans, understand currents, tides the making of sands. We will investigate some of the problems facing our oceans such as global warming and oil pollution. This is a hands on course practical course that will excite your interest!

A Space Odyssey Years 5 6

This will suit you if you:

- Interested in the universe and astronomy

Climb on board as we start our journey through our own solar system with the latest images and information from robot probes. Discover the differences between Red Giants and White Dwarfs. Find out what causes a super nova and what happens when you fall into a black hole.

Travel on to explore life in the universe. Find out could aliens really exist and are UFO's real? Join our adventure to the stars and beyond!

Trial By Jury Years 5 6

This will suit you if you:

- Interested in the law
- Are a good reader, self motivated learner and can work cooperatively

Guilty or not guilty? Who committed the crime? Who was to blame for the accident? Who was the thief? You will learn how to prepare a case and present it in court to a judge and jury. Learn to analyse information, think logically, prepare an argument, effective questioning and convincing presentation skills.

In this exciting course presented by a barrister, you will take on several roles including that of a barrister, member of the jury or witness to the crime. The court is now in session!

Lego Robotics Years 5 6

This will suit you if you:

enjoy constructing machines and working with computers. In pairs, design and build your own special machine to perform specific tasks. Learn about sensors, motors and gears.

You will be using the latest computer software to program your design to control its movements in this intriguing problem solving activity. Girls who are interested in science and design have loved this course!

Mysteries & Conclusions Years 5 6

This will suit you if you :

- Enjoy puzzles and challenges.
- Are an above average reader.
- Enjoy discussing your ideas with others in small groups.

For hundreds of years people have been fascinated by the great mysteries of the world. Have you ever wondered what happened to the crew of the ghost ship, Marie Celeste? Did aliens really land at Roswell?

In this challenging course you will become a detective, investigating notorious mysteries from the past and present your own possible solutions. If you like getting to the bottom of a mystery then this course is for you!

Theatre Sports Stars Years 5 6

This will suit you if you:

- Have a lively imagination
- Like working in groups
- Can think on your feet

This course is an introduction to the wonderful world of Theatre Sports. Improve your communication skills and polish your performance techniques whilst learning the golden rules of effective improvisation. Improvisation is a life skill successful people utilise every single day.

Step boldly into the Theatre Sports Arena, bring your wit, wisdom and a wicked amount of courage. Stun and amaze the audience with your ability to adapt and perform!

MindQuest Enrichment Weekend St George Girls HS
Saturday & Sunday 4 & 5 April 2020 9.30-3.30
Application Form

Personal Details Please write clearly in black pen or type

First Name _____ Surname _____

Home telephone _____ Date of birth _____ Grade/Year _____

Address _____

Postcode _____

Email Address Please write carefully and clearly. _____

School _____ Male ☐ Female ☐

Please list up to **five** 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

2 contact numbers and names
for this weekend

1 Name _____	Contact _____
2 Name _____	Contact _____

Payment may be made by credit card, cheque or money order to NSW Talent Centre Pty Ltd.

Email to admin@mindquest.net.au or post your application and payment to:
NSW Talent Centre
PO Box 577 Toronto 2283 NSW

Cost of attending the enrichment weekend is **\$210 (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 _____