

CURRENT PROGRAMS

The BRAINways Club



TOYS IN MOTION

Physics is all around us- even in our toys! Spinning tops that flip upside down, vortexes that will literally knock your hat off, and whirlpools in a bottle are just some of the hands on activities that you will explore and explain. Physics, problem solving and fun will all be important parts of this program!

IT'S A PATTERN

Have you noticed patterns in nature, music, art? Have you been bewildered, surprised and totally mystified by their mathematic perfection? If so, join us when we uncover the mathematical mysteries behind patterns, and the discoveries of famous mathematicians. However, the real challenge will be to create new patterns, and explore ways of describing and recording them.

BRAIN POWER

What's a cauliflower sized, wrinkled, pink and squashy? Any idea? Come along and discover the most amazing organ in your body, your brain. It has no memory chips, but it holds more information than a 20 volume encyclopedia. It moves your body, even though the brain itself has no moving parts. And most importantly, is what makes you an individual human being. Join us for this Journey if you are prepared to have your mind boggled by your own brain.

MODELS IN SCIENCE

“It is a scientific break-through! My discovery will change the course of science! But how do I prove it works?” Does the Earth go around the Sun? What are the laws of the Universe? When scientists found the answers to these and other puzzling questions, they used models to demonstrate their theories. Join us to develop and build your own models, in order to demonstrate different scientific theories.

THE MATHEMATICS OF MUSIC

Add, subtract, multiply, subdivide to make... music. The alphabet of music is highly... mathematical. If you love performing and creating music, this program is for you. If maths and numbers is your thing, join us and you'll be amazed. Either way, you'll have fun discovering the mathematics behind rhythm, notation and melody, and using your mathematic skills to create your own piece of music.

ACTING UP

Urgently Wanted! Creative, clever kids, fascinated by or wanting to learn more about theatre and drama. You will develop your creative thinking, build your self confidence, learn vocal techniques for character play, group expression and theatrical story telling! But most importantly you will be having heaps of fun when playing drama games, acting out stories and creating plays.

I FEEL SICK

Have you ever had a fever, a headache, a runny nose, an earache? Have you ever wondered what happens to your body when you have a cold... or a flu... or chickenpox? If so, you might need this Journey. Come and enjoy it... in large doses... and you'll understand why you feel the way you do when you're unwell. Our Workshops are also very effective for EIS (Exploring and Inquisitive Student) syndrome. It contains medically proven ingredients to revitalize your creative energies and boost your brain power.

SCIENCE SOLVES IT!

Have you got what it takes to become a Junior Scientist at The BRAINways Club? Got ideas on how to save our planet or prevent people from getting sick? Want to put scientific ideas into action? Come along to these workshops to learn how to work like a scientist. Use your skills to create solutions to big problems like water shortages, skin cancer and more.

These four hands on workshops involve learning about issues we face here on Earth, thinking about possible solutions and how science can help. You will learn about how science is used to create technology and you will invent and design your own technologies to solve the problems we tackle! The final workshop will conclude with the ***Science Solves It Symposium*** for you to show off your inventions to parents, family and friends.

FINDING THE CLUES: THE WORK OF AN ARTIST

The secret behind an artist's work... His favorite things... His artwork... Come and find the clues hidden in the work of four Australian landscape artists. Why is their work always local and natural? What are they trying to communicate? Once decoding their work, we shall have fun creating our own art, giving clues about us and our favorite things.