



# SCI-BONO DISCOVERY CENTRE



# WEEKEND OFFERINGS

TIME	SATURDAY 25 FEBRUARY	SUNDAY 26 FEBRUARY	SATURDAY 4 MARCH	SUNDAY 5 MARCH	SATURDAY 11 MARCH
10:00 - 11:00	<b>The nose knows no Flavour</b>	<b>Natures Indicator</b>	<b>DNA Detectives</b>	<b>Eye Dissection</b>	<b>Wireless Electricity</b>
VENUE	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab	Festo Lab
11:30 - 12:30	<b>Robotics</b>	<b>Sound</b>	<b>Hydrogen Fuel Cell</b>	<b>Brain Science</b>	<b>Reaction Time</b>
VENUE	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab	Festo Lab
13:00 - 14:00	<b>Science Show</b>				
VENUE	SAP Auditorium				
14:30 - 15:30	<b>Reaction Time</b>	<b>Circuit Radio</b>	<b>Circuit Radio</b>	<b>Hover Craft</b>	<b>Robotics</b>
VENUE	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab	Festo Lab

TIME	SUNDAY 12 MARCH	SATURDAY 18 MARCH	SUNDAY 19 MARCH	SATURDAY 25 MARCH	SUNDAY 26 MARCH
10:00 - 11:00	<b>Pneumatics in Mechatronics</b>	<b>Natures Indicator</b>	<b>The nose knows no flavour</b>	<b>Eye Dissection</b>	<b>DNA Detectives</b>
VENUE	Festo Lab	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab
11:30 - 12:30	<b>Circuit Radio</b>	<b>Circuit Radio</b>	<b>Hover Craft</b>	<b>Robotics</b>	<b>Sound</b>
VENUE	Festo Lab	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab
13:00 - 14:00	<b>Science Show</b>				
VENUE	SAP Auditorium				
14:30 - 15:30	<b>Sound</b>	<b>Hydrogen Fuel</b>	<b>Brain Science</b>	<b>Reaction Time</b>	<b>Circuit Radio</b>
VENUE	Festo Lab	Dow Lab	Dow Lab	Life Science Lab	Life Science Lab

## Planetrium

Take a journey through the universe and learn about the spectacular science of astronomy.

**AGE:** ALL | **COST:** R10

**SHOW TIMES:** 11:00 – 12:00 | 12:00 – 13:00 | 14:00 – 15:00 | 15:00 – 16:00

HOVERCRAFT WORKSHOP	AGE	COST
Is it a plane...? Is it a boat...? No it's — a hovercraft: a vehicle that glides over a smooth surface on a cushion of air. Because a hovercraft can travel over flat land or water, it is an amphibious vehicle. In this activity, you'll get to build your own mini hovercraft using a CD.	ALL	R7

ROBOTIC WORKSHOP	AGE	COST
Robots have in the past and still continues to play a crucial role in making people's lives easier by executing all the instructions given and accessing areas which otherwise people cannot access, used in production and performing those dangerous tasks. Join us as we design, build and programme the robot to perform some mission.	10+	FREE

CIRCUITS RADIO	AGE	COST
A Radio is a simple but important device that keeps us updated with current affairs. Explore the inner workings of a radio and build one using simple components.	7+	FREE

F1	AGE	COST
Who has the quickest finger? Come and race a miniature F1 Car on our race track. Experience what goes into making these miniature F1 cars and which factors influence their speed the most. Come and find out how you can become involved in making your very own car.	7+	R10
<b>Only 4 - 5 March and 1 - 2 April</b>		

WIRELESS ELECTRICITY	AGE	COST
Wireless Electricity, is here! A light-bulb glowing with no wires attached! We're not actually putting electricity in the air, but magnetic fields on air. Let's experiment on this: This is the future; wireless energy will be as common as WI-FI...	6+	R10

HYDROGEN FUEL CELL CAR	AGE	COST
Are reliable source of energy that a vehicle can use because of its availability (obtained from hydrolysis of water) and zero emission of the greenhouse gases.	6+	R7

REACTION TIME	AGE	COST
How fast is your reaction time? Usain Bolt is able to run a 100m sprint in 9.58 seconds, but how is he able to do this? Can we improve our reaction times? Find out this and more as we put our reaction time to the test!	7+	FREE

BRAIN SCIENCE	AGE	COST
The brain is the most complex organ in the human body. It stores our memory and controls how we think and react. However sometimes it can be tricked! Learn about the evolution & workings of the brain while exploring some artistic geniuses that are sure to leave your brain in a muddle.	6+	FREE

SOUND	AGE	COST
Sound is a type of energy made by vibrations. When any object vibrates, it causes movement in the air particles, investigate the physics of a vibrating medium by building your own balloon glove bagpipe.	6+	R5

SCIENCE SHOWS	AGE	COST
Can you really launch marshmallows out of a vacuum cleaner, make rockets from common household items, or blow up balloons using liquid nitrogen? Prepare yourself for some seriously mind-bending science, as we explore the physics and chemistry of pressure. Find out how pressure, force and volume are related and see how Pressure can cause things to go pop, boom and bang!	ALL	FREE