

# WACKY WEEKEND SCIENCE

20 JANUARY - 25 FEBRUARY

No Time during the week? Sci-Bono offers fun and exciting activities over the weekend! Get Hands on with Science while having loads of fun with a variety of interactive workshops and shows! The programme runs from 10am to 4pm on weekends.



## SCIENCE SHOWS

SCIENCE SHOW	AGE	COST
Come along and enjoy this series of fun and exciting science demonstrations that will leave you in awe! From Physics and Chemistry to Math's and Biology with some you can even try at home!	ALL	FREE
DIGITAL PLANETARIUM	AGE	COST
Blast off into space and the cosmos in our digital planetarium as we explore stars, constellations, galaxies and our Solar System!	5+	R10
<b>Show times</b> 10:30   11:30   12:30   13:30   14:30   15:30		

## ACTIVITIES TIMETABLE

TIME	SATURDAY 20 JANUARY	SUNDAY 21 JANUARY	SATURDAY 27 JANUARY	SUNDAY 28 JANUARY	SATURDAY 3 FEBRUARY	SATURDAY 4 FEBRUARY
10:00 VENUE	<b>Light &amp; Optics</b> Festo Lab	<b>Science of Flight</b> Festo Lab	<b>Bath Bombs</b> Dow Lab	<b>Onion Whimper</b> Dow Lab	<b>Brain Science</b> Sangari Lab	<b>Inside the Eye</b> Sangari Lab
11:00 VENUE	<b>Inside the Eye</b> Sangari Lab	<b>From Gums to Bums</b> Sangari Lab	<b>Marble Run</b> Festo Lab	<b>Light &amp; Optics</b> Festo Lab	<b>Ghostly Lava</b> Dow Lab	<b>Bath Bombs</b> Dow Lab
12:00 VENUE	<b>Science Show</b> SAP Auditorium					
13:00 VENUE	<b>Bionics</b> Festo Lab	<b>Robotics</b> Festo Lab	<b>Monster Slime</b> Dow Lab	<b>Goblin Goo</b> Dow Lab	<b>Under the Microscope</b> Sangari Lab	<b>Fun with Enzymes</b> Sangari Lab
14:00 VENUE	<b>Fun with Ezymes</b> Sangari Lab	<b>DNA Detective</b> Sangari Lab	<b>Rocket Science</b> Festo Lab	<b>Bionics</b> Festo Lab	<b>Smelly Science</b> Dow Lab	<b>Monster Slime</b> Dow Lab
15:00 VENUE	<b>Science Show</b> SAP Auditorium					

TIME	SATURDAY 10 FEBRUARY	SUNDAY 11 FEBRUARY	SATURDAY 17 FEBRUARY	SUNDAY 18 FEBRUARY	SATURDAY 24 FEBRUARY	SUNDAY 25 FEBRUARY
10:00 VENUE	<b>Science of Flight</b> Festo Lab	<b>Marble Run</b> Festo Lab	<b>Onion Whimper</b> Dow Lab	<b>Ghostly Lava</b> Dow Lab	<b>Inside the Eye</b> Sangari Lab	<b>From Gums to Bums</b> Sangari Lab
11:00 VENUE	<b>From Gums to Bums</b> Sangari Lab	<b>Brain Science</b> Sangari Lab	<b>Light &amp; Optics</b> Festo Lab	<b>Science of Flight</b> Festo Lab	<b>Bath Bombs</b> Dow Lab	<b>Onion Whimper</b> Dow Lab
12:00 VENUE	<b>Science Show</b> SAP Auditorium					
13:00 VENUE	<b>Robotics</b> Festo Lab	<b>Rocket Science</b> Festo Lab	<b>Goblin Goo</b> Dow Lab	<b>Smelly Science</b> Dow Lab	<b>Fun with Enzymes</b> Sangari Lab	<b>DNA Detective</b> Sangari Lab
14:00 VENUE	<b>DNA Detective</b> Sangari Lab	<b>Under the Microscope</b> Sangari Lab	<b>Bionics</b> Festo Lab	<b>Robotics</b> Festo Lab	<b>Monster Slime</b> Dow Lab	<b>Goblin Goo</b> Dow Lab
15:00 VENUE	<b>Science Show</b> SAP Auditorium					

# ACTIVITIES

<b>LIGHT &amp; OPTICS</b> What is light and what is it made up of? Join us as we explore and experiment with the properties of light. Experience how colors of light can produce surprising effects in the way they mix and find out why we see the colors we do.	AGE	COST	<b>SCIENCE OF FLIGHT</b> How is a plane able to take flight? How do birds stay up in the sky? Come along and explore the science of flight while experimenting with paper planes.	AGE	COST	<b>GHOSTLY LAVA</b> Explore chemical reactions and the principle of density while making your own bubbling Lava lamp.	AGE	COST	<b>FROM GUMS TO BUMS</b> Ever wondered what happens to the food we eat? From the moment it enters our mouth all the way down to when we poo. Join us for this fun and interactive workshop as we explore the process of digestion all the way from gums to bums.	AGE	COST
	7+	FREE		7+	FREE		5+	R10		5+	R5
<b>ROCKET SCIENCE</b> Rockets are amazing gravity-defying machines that have lifted test material, people, and even animals into space. But how are rockets able to travel so high up? What propels them and what is the science behind it all? Find out this and more while we build some simple rockets.	AGE	COST	<b>MONSTER SLIME</b> Ever seen that eerie, gooey slime dripping from monsters in movies? Join us as we experiment with polymer science and learn how to make your own Monster Slime!	AGE	COST	<b>ONION WHIMPER</b> Ever wondered why onions make us cry while chopping them? Join us as we delve into the science behind this tearful experience and explore some nifty tricks to make chopping onions less teary!	AGE	COST	<b>UNDER THE MICROSCOPE</b> Microscopes allow us to see things that we would not usually be able to see with our naked eyes, but they are different types of microscopes that allow us to see deeper into objects than we could ever imagine. Explore the science of microscopy and make your own slides to view.	AGE	COST
	7+	R5		5+	R5		5+	R8		7+	R5
<b>BRAIN SCIENCE</b> 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 will leave your brain in a muddle.	AGE	COST	<b>ROBOTICS</b> Robots play a crucial role in making people's lives easier by executing all the instructions given and accessing areas which people cannot access or perform tasks too dangerous for humans. Join us as we explore the science of robotics while designing, building and programming a robot to complete some simple tasks.	AGE	COST	<b>INSIDE THE EYE</b> Explore the structure and inner workings of the eye and find out how we are able to see while dissecting a real eye ball! This one's definitely not for the squeamish! Join us as we explore the science of robotics while designing, building and programming a robot to complete some simple tasks.	AGE	COST	<b>DNA DETECTIVE</b> What is DNA? And why is it so important? Become a DNA detective as you investigate a crime scene using the science of forensics...Solve the crime and make sure justice is served!	AGE	COST
	7+	FREE		10+	FREE		8+	R10		7+	FREE
<b>BATH BOMBS</b> Bath bombs are interesting ways to add color, aroma and bubbles to bath water. Find out how you can turn ordinary bath time into a fun, colorful and bubbly spectacle while making your own bubbly bath bombs!	AGE	COST	<b>GOBLIN GOO</b> Let's get messy and make some Goo! It behaves like a solid when you move it quickly and like a liquid when you leave it to sit still.	AGE	COST	<b>SMELLY SCIENCE</b> How good is your sense of smell? Put your nose to the test as we explore the workings of our olfactory system and try to make sense of scents.	AGE	COST	<b>BIONICS</b> The bionic man is no longer a fiction of science, but a reality. Come experiment and explore anatomical structures, physiological process and engineering systems that are designed with inspiration from nature.	AGE	COST
	7+	R10		5+	R5		7+	R5		8+	R5
	AGE	COST	<b>MARBLE RUN</b> Are you up for an engineering challenge? Explore the mechanics of motion while designing and building a marble run. Compete against other teams and put your creativity and science skills to the test!	AGE	COST	<b>FUN WITH ENZYMES</b> What are enzymes? And how do they help our body function? Join us as we experiment with enzymes and find out why we need them.	AGE	COST			
	7+	FREE		7+	FREE		7+	R5			



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011 639 8400 | [www.sci-bono.co.za](http://www.sci-bono.co.za)  
 Corner of Miriam Makeba & Helen Joseph Streets | Newtown

Terms and Conditions:  
 Workshops subject to change without prior notice. Limited seats available.  
 First come first serve basis. Tickets can be purchased at reception.

