

HOLIDAY PROGRAMME

MYTH BUSTERS

9 December 2017 – 7 January 2018



Myths and misconceptions exist within our society in general. Ever wondered whether a certain idea or story is true or not? Ever wondered whether some common perceptions are real or not? Join Sci-Bono Discovery Centre in the Myth Busters holiday programme and discover the science behind common misconceptions through fun and interactive activities ranging from workshops, shows, and floor activities.

ACTIVITIES TIMETABLE

TIME	SATURDAY 9 DECEMBER	SUNDAY 10 DECEMBER	MONDAY 11 DECEMBER	TUESDAY 12 DECEMBER	WEDNESDAY 13 DECEMBER	THURSDAY 14 DECEMBER	FRIDAY 15 DECEMBER
10:00 - 11:00 VENUE	Pitch or Volume? Sydney Brenner	Flavour "Full" Dow Lab	Squishy Circuits Festo Lab	Pitch or Volume? Sydney Brenner	Flavour "Full" Dow lab	Squishy Circuits Festo Lab	Pitch or Volume? Sydney Brenner
11:30 - 12:30 VENUE	How does it fly? Sydney Brenner	Is it a Real Image? Sydney Brenner	Whiter that white Sydney Brenner	How does it fly? Sydney Brenner	Is it a Real Image? Sydney Brenner	Whiter that white Sydney Brenner	Charge in the air Festo Lab
13:00 - 14:00 VENUE	Science Magic Shows SAP Auditorium						
14:30 - 15:30 VENUE	Charge in the air Festo Lab	Confused Science Dow Lab	Liquid or solid Dow Lab	Charge in the air Festo Lab	Confused Science Dow Lab	Liquid or solid Dow Lab	How does it fly? Sydney Brenner

ACTIVITIES TIMETABLE CONTINUES >

011 639 8400 | 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.



ACTIVITIES TIMETABLE

TIME	SATURDAY 16 DECEMBER	SUNDAY 17 DECEMBER	MONDAY 18 DECEMBER	TUESDAY 19 DECEMBER	WEDNESDAY 20 DECEMBER	THURSDAY 21 DECEMBER	FRIDAY 22 DECEMBER
10:00 - 11:00 VENUE	Confused Science Dow Lab	Liquid or Solid? Dow Lab	Squishy Circuits Festo Lab	Pitch or Volume? Sydney Brenner	Flavour "Full" Dow Lab	Squishy Circuits Festo Lab	Whiter than White Sydney Brenner
11:30 - 12:30 VENUE	Whiter than White Sydney Brenner	Charge in the air Festo Lab	Whiter than White Sydney Brenner	How does it Fly? Sydney Brenner	Is it a Real Image? Sydney Brenner	How does it Fly? Sydney Brenner	Charge in the air Festo Lab
13:00 - 14:00 VENUE	Science Magic Shows SAP Auditorium						
14:30 - 15:30 VENUE	Is it a Real Image? Sydney Brenner	Pitch or Volume? Sydney Brenner	Liquid or Solid? Dow Lab	Charge in the air Festo Lab	Confused Science Dow Lab	Liquid or Solid? Dow Lab	How does it Fly? Sydney Brenner

TIME	SATURDAY 23 DECEMBER	SUNDAY 24 DECEMBER	MONDAY 25 DECEMBER	TUESDAY 26 DECEMBER	WEDNESDAY 27 DECEMBER	THURSDAY 28 DECEMBER	FRIDAY 29 DECEMBER
10:00 - 11:00 VENUE	Squishy Circuits Festo Lab	Flavour “Full” Dow Lab	Centre Closed Christmas Day	Pitch or Volume? Sydney Brenner	Flavour “Full” Dow Lab	Squishy Circuits Festo Lab	Is it a Real Image? Sydney Brenner
11:30 - 12:30 VENUE	How does it Fly? Sydney Brenner	Is it a Real Image? Sydney Brenner		How does it Fly? Sydney Brenner	Is it a Real Image? Sydney Brenner	Whiter than White Sydney Brenner	Charge in the air Festo Lab
13:00 - 14:00 VENUE	Science Magic Shows SAP Auditorium			Science Magic Shows SAP Auditorium			
14:30 - 15:30 VENUE	Charge in the air Festo Lab	Centre Closed Christmas Eve		Charge in the air Festo Lab	Confused Science Dow Lab	Liquid or Solid? Dow Lab	How does it Fly? Sydney Brenner

TIME	SATURDAY 30 DECEMBER	SUNDAY 31 DECEMBER	MONDAY 1 JANUARY	TUESDAY 2 JANUARY	WEDNESDAY 3 JANUARY	THURSDAY 4 JANUARY	FRIDAY 5 JANUARY
10:00 - 11:00 VENUE	Flavour “Full” Dow Lab	Charge in the air Festo Lab	Centre Closed New Year’s Day	Pitch or Volume? Sydney Brenner	Flavour “Full” Dow Lab	Squishy Circuits Festo Lab	Whiter than White Sydney Brenner
11:30 - 12:30 VENUE	Whiter than White Sydney Brenner	Pitch or Volume? Sydney Brenner		How does it Fly? Sydney Brenner	Is it a Real Image? Sydney Brenner	Flavour “Full” Dow Lab	Charge in the air Festo Lab
13:00 - 14:00 VENUE	Science Magic Shows SAP Auditorium			Science Magic Shows SAP Auditorium			
14:30 - 15:30 VENUE	Squishy Circuits Festo Lab	Centre Closed New Year’s Eve		Charge in the air Festo Lab	Confused Science Dow Lab	Charge in the air Festo Lab	How does it Fly? Sydney Brenner

ACTIVITIES TIMETABLE CONTINUES >

ACTIVITIES TIMETABLE

TIME	SATURDAY 6 JANUARY	SUNDAY 7 JANUARY
10:00 - 11:00 VENUE	Liquid or Solid? Dow Lab	Confused Science Dow Lab
11:30 - 12:30 VENUE	How does it Fly? Sydney Brenner	Is it a Real Image? Sydney Brenner
13:00 - 14:00 VENUE	Science Magic Shows SAP Auditorium	
14:30 - 15:30 VENUE	Charge in the air Festo Lab	Pitch or Volume? Sydney Brenner

FLOOR ACTIVITIES

BUSTING SPACE MYTHS SHOWS (PLANETARIUM)

Explore the universe, galaxies, and constellations and bust common myths about the outer space.

AGE: All | **COST:** R10

SHOW TIMES: 11:00 | 12:00 | 14:00 | 15:30

EVOLUTION HUNT

Come and hunt scientific discoveries about evolution. Be the first to get the right answers and receive your prize.

AGE: All | **COST:** FREE | **TIME:** 12:30

INSTANT ICE CREAM

Did you know that liquid nitrogen can be used to make ice cream? Do you wonder how does it taste? Join us to explore and taste a five minutes' delicious ice cream.

AGE: ALL | **COST:** R10 | **TIME:** 14:00

ACTIVITIES

SCIENCE MAGIC SHOWS	AGE	COST
Can water really disappear when poured into the cup? Can a cup really disappear when immersed in water? Can you really burn your hand without injury? Is it magic or Science? Join us to discover what it is through a range of fun demonstrations.	ALL	FREE
CHARGE IN THE AIR	AGE	COST
Ever wondered how lightning occurs? Have you heard any myths about lightning? Come and discover science behind lightning and related phenomena through fun hands-on experiments.	6+	FREE
SOLID OR LIQUID?	AGE	COST
Is this substance a liquid or solid? Why is it difficult to tell which state is it? Join us as we unravel properties of matter through fun hands on activities to find out what is it...	6+	R5
WHITER THAN WHITE	AGE	COST
Does your household favorite bleach really leave clothes whiter than white? Join us as we debunk the myth about one of the common household cleaning agents as we explore the power of bleach on clothing dyes.	6+	FREE
PITCH OR VOLUME?	AGE	COST
Is it low or high? Is it sharp or deep? Is it pitch or volume? Have fun by making your own instrument, play a note, and discover science of sound...	6+	R15
CONFUSED SCIENCE	AGE	COST
Does it decompose or dissociate? Is it separation or extraction? Does it condense or liquefy? Join us as we bust easily confused science concepts through a range of hands-on activities.	7+	R5
HOW DOES IT FLY?	AGE	COST
Is it blown by wind to fly or is it science in action? Come and build your own aircraft to explore the science of flight.	6+	R5
SQUISHY CIRCUITS	AGE	COST
What makes a material to be a good conductor or insulator of electricity? Can play dough really conduct electricity?... Or only metals can? Come and make your own dough circuit and discover what happens.	5+	R5
IS IT A REAL IMAGE?	AGE	COST
Is it your eye or brain that sees the things around you? Come and explore the science of light through fun and interactive activities.	6+	R5
FLAVOUR "FULL"	AGE	COST
Ever wondered how food will be like without flavor? Esters are special chemicals with pleasant smells. Come and join us as we bring you the components of flavor, taste and aroma through interactive hands on experiments.	7+	R5



011 639 8400 | 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