



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

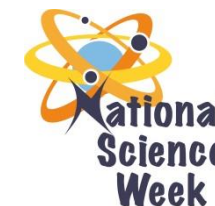


SAASTA
South African Agency for Science
and Technology Advancement

NATIONAL SCIENCE WEEK

Deepening our Democracy through Science

28 July – 4 August 2018



Organisation:	Cape Town Science Centre	Project Leader:	MJ Schwartz & Gabi van Niekerk	Province/s:	Western Cape
Connect with us	Website:	www.ctsc.org.za			
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National Science Week events and activities:

DATE & TIME	VENUE & LOCATION	ACTIVITY	AUDIENCE	CONTACT DETAILS	BOOKINGS REQUIRED?
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Family Fun Days The Family Fun Days are an opportunity for the general public to have access to hands-on science in the form of workshops, exhibits, shows, demonstrations and more. There is no cost for the general public to enter the Cape Town Science Centre or for any of the workshop on these days. A wide variety of activities will be carried out on these days.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Camera Obscura Tour Have you ever taken a tour of the city while standing in one spot? Join us on one of our Camera Obscura tours for a 360° view of the surrounding area.	General Public	021 300 3200 info@ctsc.org.za	No

29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	<p>Planetarium Show: Two small pieces of glass While attending a Star Party (night in the woods looking through telescopes to study the stars and planets) two young people learn about the different types of telescopes. They learn the differences between them, when and where they are used, some history on the making of telescopes and the people who influenced modern day telescopes. They also learn about what Astronomy helps us learn, the Doppler Effect and more.</p>	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	<p>Planetarium Show: Cardboard Rocket Two kids take a trip in their cardboard rocket through our Solar System using their imagination. They are guided along the way by their astronomy book. As they travel they learn something about each celestial body they encounter. Some of the things they learn: what the 2 types of planets found in our Solar System are (rocky midgets and gas giants), how many days Mercury has in a year, which planets have volcanoes/storms etc and other interesting facts.</p>	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	<p>Lucky's Lab Join Lucky in his lab, explore and discover fun science demos, dissections and more...</p>	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	<p>Science Show WONDERS OF WATER Some call it magic, we call it science. Join us as we explore the wonders of water in our water themed science show for the whole family!</p>	General Public	021 300 3200 info@ctsc.org.za	No
30 July – 3 August	Cape Town Science Centre, Observatory – Cape Town	<p>School Group Visits to the Cape Town Science Centre Visits to the CTSC are suitable for all grades. Each visit should last 3 hours. A visit includes a curriculum related workshop, science show, Camera Obscura tour, use of interactive displays and a visit to the current exhibitions. The CTSC School Programme is</p>	School learners	Portia Yingwane 021 300 3200 info@ctsc.org.za	No

		aligned with the National Curriculum and Assessment Policy Statement (CAPS) and the WCED work schedules (R – 9) and pacesetters (10 – 12).			
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Workshop (as part of Family Fun Day) HOVERCRAFT Learn about how hovercrafts work and the amazing science behind it, as you make your own mini hovercraft using simple household materials.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Workshop (as part of Family Fun Day) DIY HAND WASH BOTTLE It is all about pressure. Ever wondered how the taps we drink water out of actually work? Come along and make your own to use in your bathroom or kitchen at home	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Workshop (as part of Family Fun Day) WHIRLYGIG A fun interactive workshop that explores science through hands-on engagement.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Workshop (as part of Family Fun Day) CHROMOTOGRAPHY Chromatography is used to separate mixtures of substances into their components. Come and explore this method in an exciting cool experiment.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	Workshop (as part of Family Fun Day) CODING: INTRODUCTION TO SCRATCH Get SCRATCHing and learn how to code (computer programming). Suitable for children 8 – 14.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	MATHS GAMES (as part of Family Fun Day) MAGIC NUMBERS Don't be intimidated by numbers. Come and have some fun with numbers in this interesting game using	General Public	021 300 3200 info@ctsc.org.za	No

		the magic square numbers.			
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	MATHS GAMES (as part of Family Fun Day) MATCH MATCH GAME Test your memory in a classic game of Giant Matching Shapes suitable for the whole family.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	MATHS GAMES (as part of Family Fun Day) MORABARABA This is an amazing yet simple strategy game suitable for all ages. The game is indigenous to Africa where it was traditionally used to teach shepherd boys to have a broader vision, see the bigger picture and then act decisively and to their advantage. Let's see if you can do the same.	General Public	021 300 3200 info@ctsc.org.za	No
29 July, 4 & 5 August	Cape Town Science Centre, Observatory – Cape Town	MATHS GAMES (as part of Family Fun Day) TARGET PRACTICE Ever heard the saying, "Naa, Naa,naa, you can't get me?" Come and try to prove the naysayers wrong and see how good your hand-eye coordination is in the fun target practice exercise.	General Public	021 300 3200 info@ctsc.org.za	No