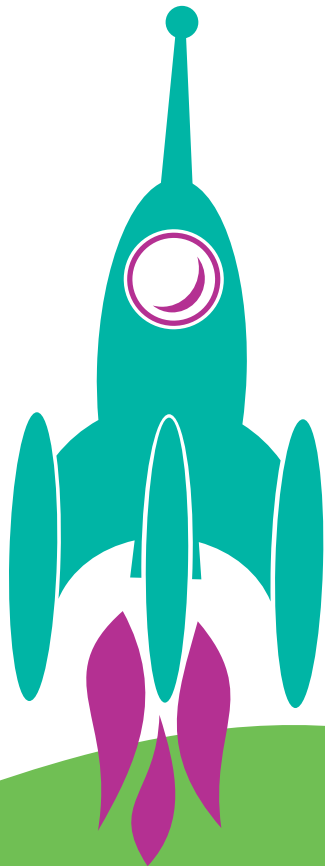


# HOLIDAY PROGRAMME

3 - 12 October 2014

WE'RE  
CELEBRATING  
WORLD  
SPACE WEEK!



CTSC

## CAPE TOWN SCIENCE CENTRE

370B Main Road, Observatory

33° 56' 17" S 18° 27' 50" E

021 300 3200 | info@ctsc.org.za

www.ctsc.org.za

## WORLD SPACE WEEK

World Space Week (4 - 10 October) is an international celebration of space science and technology, and their contribution of the betterment of the human condition. We're joining in the global celebrations during our Holiday Programme. See the calendar inside for workshops and activities.

## SPACE THROUGH TIME

Imagining the night sky through the eyes of African Populations. Come and learn how different groups in Africa have viewed the stars. Presented by Robyn Humphreys & Abigail Moffett from UCT Department of Archaeology.

**DATES:** 7 & 9 October

**TIME:** 14:00

## SPACE CAMP - OUT OF THIS WORLD!

Sign up for the CTSC Space Camp. 4 days packed with activities and scienterrific fun!

**DATES:** 7 - 10 October

**TIME:** 9:00 - 13:00 daily

**AGES:** 8 - 12 years

**COST:** Includes all activities and a Camp T-Shirt  
Non CTSC members - R632 per child  
CTSC Members - R480 per child

Bookings: email admin@ctsc.org.za, call 021 300 3200 or book directly at the Ticket Office at the Cape Town Science Centre. **Space is limited to 20 children.**



## OPENING HOURS

Monday to Saturday 9:00 - 16:30

Sundays & Public Holidays 10:00 - 16:30

CLOSED on 25 December & 1 January

## ENTRY FEES:

Youth & Adults R40 | Pensioners R20 | Family (4 people) R140

## TECHIE-KIDS INTRODUCTORY SESSIONS

We are launching a Techie-Kids Club and hosting three introductory courses during the school holidays. Join in a build a mood lamp using an Arduino. All equipment will be provided but should you wish to purchase your own Arduino at the end of the session they will be on sale for R300.

**DATES:** 6 - 8 October

**TIME:** 11:00 - 13:00 (Age 8 - 12)

13:30 - 15:30 (Age 13 - 18)

**COST:** R175 per person

A maximum of 15 children can be accommodated per session so booking is essential. Please email admin@ctsc.org.za to book your spot.

## TELEVISION PRODUCTION

### An Introduction Course

This is a hands-on workshop that covers aspects of television production. Students are taken step by step through the sequence of making a broadcast quality video for the CTSC. On completion of the course each student will receive a certificate and DVD copy of the video produced. Students will be assessed and mentored to determine what their strengths are and what career in the industry they are suited to.

**Some modules to be covered in the course:** production sequence, brainstorming concepts, drawing a storyboard, scriptwriting, budgeting a production, casting and acting, camera operation, video editing, audio & more.

**DATE:** 6 - 10 October

**TIME:** 10:00 - 15:00

**AGE:** Suitable Age 15+ (including adults)

**Cost:** R1500


For more details contact Lamise on 082 887 1313 or tvtraining@mweb.co.za.

Become a Member and for less than R5 a week, get unlimited entry to the Cape Town Science Centre for a year. Ask at the Ticket Office for details.

Please note that activities are free unless otherwise stated.

Standard entry fees to the Cape Town Science Centre apply to all visitors.

Information correct at time of going to print. Programme is subject to change without notice. The Cape Town Science Centre is a registered non-profit organisation (031-701-NPO) and Public Benefit Organisation (18/11/13/2663). All funds received directly support educational programmes and exhibits. We value and encourage your support.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>Thank you to our Holiday Programme Sponsors &amp; Partners</b> 				<b>3 October</b> 13:00 Science Show 14:00 Camera Obscura 15:00 Rocket Poppers	<b>4 October</b> 11:00 3-2-1 Blast Off 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show	<b>5 October</b> 11:00 Robotic Arm 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show
<b>6 October</b> 11:00 CanSAT Demo 11:00 Star gazer 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show	<b>7 October</b> 11:00 CanSAT Demo 11:00 Parachute challenge 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Space through time 15:00 Lucky's Lab 15:00 Planetarium Show	<b>8 October</b> 11:00 Trendy Telescope 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show	<b>9 October</b> 11:00 CD Saturn 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Space through time 15:00 Lucky's Lab 15:00 Planetarium Show	<b>10 October</b> 11:00 Kite Making ws 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show	<b>11 October</b> 10:00 Global Cardboard Challenge 11:00 Parachute Challenge 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show	<b>12 October</b> 11:00 3-2-1 Blast Off 12:00 Camera Obscura 13:00 Science Show 14:00 Camera Obscura 15:00 Lucky's Lab 15:00 Planetarium Show

## ACTIVITIES

### 3-2-1 BLAST OFF (Age 5+)

"It's not rocket science" or is it? Come and be a rocket designer and make a straw & bottle rocket.

### CANSAT DEMONSTRATION (All Ages)

A CanSat is a simulation of a real satellite, integrated within the volume and shape of a regular soft drink can. Come and watch students from the French South African Institute of Technology demonstrate the CanSat.

### CD SATURN (Age 5+)

Did you know Saturn is almost 95 times the size of Earth? Make a fun model of the gas giant and her rings.

### PARACHUTE CHALLENGE (Age 6+)

When landing on a planet you need to slow your decent. Design a parachute to test if yours is the best.

### PLANETARIUM SHOWS (All Ages)

Join us on an exciting journey as we explore Earth and beyond in our Inflatable Planetarium - in the middle of the day.

### ROBOTIC ARM (Age 7+)

Build a robotic arm that can be used for lifting devices in space.

### ROCKET POPPERS (Age 5+)

Have a bit of messy fun and make the rockets fly high in the sky.

### STAR GAZER (Age 8+)

Make a star gazer to navigate your way around the night sky.

### TRENDY TELESCOPE (Age 8+)

Build a telescope to learn about the science of telescopes.

## BOOK ON THE BRIGHT SIDE Reading Sessions

**DOUBLE  
DEAL**

Join Book on the Bright Side for science story time in the Multimedia Room at the CTSC.

**Cost:** R50 includes CTSC entry, story time fun and a R10 off book voucher

### THURSDAY 9 OCTOBER

10:30 Laura's Star (Age 5+)  
 12:30 An Astronaut's Guide to Life on Earth (Age 8+)

### FRIDAY 10 OCTOBER

10:30 An Astronaut's Guide to Life on Earth (Age 8+)  
 12:30 Laura's Star



## GLOBAL CARDBOARD CHALLENGE

In partnership with Living Maths and the Imagination Foundation

Calling all talented kids (of all ages) that want to be artists, engineers, scientists, astronauts and designers - it's time to start planning for the Global Cardboard Challenge! Our friends at Caine's Arcade have started a world-wide event to promote creativity and artistic talent. Be a part of a Global event with over 100 000 children from all over the world. **Bring cardboard, stationery and your imagination.**

Design and build anything you like to do with Minecraft or Space - a rocket, a shuttle, an alien, a planet, a new Mars rover, a solar system; the possibilities are endless!

**Judging @ 12:00.** You are welcome to start your projects at home and finish them off at the event. See more info about the global event here - [www.cardboardchallenge.com](http://www.cardboardchallenge.com)

**DATE:** Saturday 11 October  
**TIME:** 10:00 - 12:00



## KITE MAKING WORKSHOP

Celebrating World Mental Health Day

World Mental Health Day is observed on 10 October every year, with the overall objective of raising awareness of mental health issues around the world and mobilizing efforts in support of mental health.

Cape Mental Health will be running Kite Making workshops at the CTSC on Friday 10 October to raise awareness for mental health. Come along and make a kite and make it soar to the highest height.

**DATE:** Friday 10 October  
**TIME:** 11:00

