

EASTER EGG HUNT

30 MARCH - 1 APRIL @ 13:30

Who's up for a treasure hunt? Everyone loves to find treasure and by treasure we mean chocolate! Join us for a daily Easter egg hunt on Easter Weekend. Will you be the one to find the golden egg?



SPEEDCUBES COMPETITION

Rubik's Cube, the world's most popular toy, with over 350 million cubes sold since it was invented. There are no statistics on the number of cubes that were purchased and remained forever unsolved, but solving the cube is far from impossible. The world record holders can do it in under five seconds, and children as young as three can solve it. Join the former world champion and share the joy and competitiveness of cubing. The events are about each participant reaching their personal best and having their time recorded with the World Cube Association. To enter and to get the early bird rate please visit www.speedcubes.co.za

DATE: 9 April
TIME: 9:00 - 17:00

AGES: Suitable for all ages
COST: R100 per participant



CTSC MEMBERSHIP

Become a **Member** and for less than R7 a week, get unlimited entry to the CTSC for a year. Ask at the Ticket Office for details.

OPENING HOURS & ENTRY FEES

Monday to Saturday 9:00 - 16:30 | Sundays & Public Holidays 10:00 - 16:30
CLOSED on 25 December & 1 January

Youth & Adults R55 | Pensioners R25 | Family (4 people) R200

LET'S CODE HOLIDAY CLUB

Coding is the new cool! Highly creative, collaborative and good fun. Has your child ever had an awesome idea for a video game but didn't know how to bring it to life? Join the Cape Town Science Centre's Let's Code Holiday Club – we will use object orientate programme software, Small Basic, and nurture their 21st Century skills as they go about producing their game - Imagine, Explore, Create! This is an excellent opportunity to acquire basic coding skills in a relaxed and creative environment - 12 hours of coding fun over a 4 day period and the opportunity to explore the rest of the Cape Town Science Centre's offerings.

A BIT ABOUT SMALL BASIC

Small Basic combines a friendly environment with a very simple language and a rich and engaging set of libraries to make your programs and games pop. In a matter of few lines of code, you will be well on your way to creating your very own game! With a new and revolutionary IntelliSense®, Small Basic makes writing code a breeze. Learn the programming concepts starting with the fundamentals and move your way up. Small Basic is based on .NET and what you learn here could be easily applied to other .NET programming languages like Visual Basic. And when you do graduate to Visual Basic, you can bring your existing programs with you using a built-in conversion utility.

DATE: 3 - 6 April
TIME: 10:00 - 13:00
SUITABLE FOR: Ages 8+
COST: R440 (four day club)

BOOKINGS:
info@ctsc.org.za
(max 20 kids)



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.

CTSC

CapeTownScienceCentre



HOLIDAY PROGRAMME

29 March - 9 April 2018

#JUSTSAVING

MY SUPERPOWER IS

SAVING WATER

HOLIDAY HIGHLIGHTS

- Daily 25 litre Challenge
- Daily Treasure Hunts
- Easter Egg Hunt
- Let's Code Holiday Club
- Speedcube Competition



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

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
DID YOU KNOW? Nearly 97% of the world's water is salty or otherwise undrinkable. Another 2% is locked in ice caps and glaciers. That leaves just 1% for all of humanity's needs!			29 March 11:00 DIY 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Reduce, Reuse, Recycle	30 March 11:00 Guide the drop 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 The journey of H ₂ O	31 March 11:00 Flush friendly 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Blue Gold	1 April 11:00 Be water wise 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Water wise gardening
2 April 11:00 Oceans uncovered 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 The journey of H ₂ O	3 April 11:00 Blue Gold 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Every drop counts	4 April 11:00 Guide the drop 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 World of water	5 April 11:00 DIY 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Water wise gardening	6 April 11:00 Water Works 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Reduce, Reuse, Recycle	7 April 11:00 DIY 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 Flush friendly	8 April 11:00 Oceans uncovered 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 The journey of H ₂ O
9 April 11:00 Every drop counts 12:00 Camera Obscura 12:00 25 litre Challenge 13:00 Science Show 14:00 Camera Obscura 14:00 H ₂ O Hunt 15:00 World of water	SLOW THE FLOW & SAVE FOR TOMORROW It's all about water this holiday at the Cape Town Science Centre					



ACTIVITIES

Please note that activities are free unless otherwise stated. Standard entry fees to the CTSC apply to all visitors.

25 LITRE CHALLENGE (Age 6+ • entry fee only)
Do you think that you could survive on 25 litres of water per day? Take up this challenge and let's see if it is possible.

BE WATER WISE (Age 8+ • entry fee only)
Water is a scarce and vital resource. Be a Water Wise Warrior and help others to be more water wise. Find out some cool tips and tricks while designing your own logo to share with your friends and family to show them ways they can be more water wise.

BLUE GOLD (All ages • entry fee only)
Water is our most precious resource but we can't drink it from just about anywhere. Have you ever wondered how the murky water you see in the rivers and dams come out so clear, clean and safe out of your tap to drink? Come along and explore the different ways we can purify water in this interesting demonstration.

DIY: FASCINATING FAUCET (All ages • entry fee only)
It's 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 kitchen or bathroom at home.

EVERY DROP COUNTS! (Age 8+ • entry fee only)
Let's get techy and use Scratch to help us save water. See how much water you can catch and save while playing a fun water saving game.

FLUSH FRIENDLY (Age 6+ • entry fee only)
An average toilet uses approximately 9 litres per flush. That is almost enough water for one person to drink for five days. Join us as we explore ways we can make our toilets more water friendly.

GUIDE THE DROP CHALLENGE (Age 6+ • entry fee only)
If you love a challenge then this one is for you! Test your wit with water saving techniques and solutions while taking part in the guide the drop challenge.

H2O HUNT (Age 6+ • entry fee only)
Grab a group of friends and put your brain into problem solving mode. Solve the puzzles and stand a chance to win great prizes.

OCEANS UNCOVERED (All ages • entry fee only)
Did you know that the ocean has five different and distinct layers, each with unique characteristics? Join us as we dive into the depths of the ocean and uncover the facts about the wonders that exist below while making our own ocean in a bottle.

THE JOURNEY OF H₂O (All ages • entry fee only)
Did you know that the water in your glass could be the water that thirsty dinosaurs were gulping 65 million years ago! Join us as we explore the water cycle and find out where this precious resource comes from and where it ends up.

REDUCE, REUSE, RECYCLE! (All ages • entry fee only)
Although nearly 70% of our planet is covered by water only a tiny portion of this we can actually drink! Join us as we explore ways we can look after this precious resource and reuse it for many different things in our homes, work and school. You will be amazed with what water makes!

WATER WISE GARDENING (All ages • entry fee only)
There are many different tricks and solutions for making your garden more water wise but imagine there was a substance that could store water in your soil and slowly release it into the plants roots whenever it needed it. Find out all about this innovative science for those with green fingers.

WATER WORKS (Age 6+ • entry fee only)
Who doesn't love to build using LEGO. Design and build a dam using LEGO and learn about the science behind water management and how dams work.

WORLD OF WATER (All ages • entry fee only)
With so much water covering our planet, why is Cape Town in a crisis? Join us as we explore the water on our earth in this eye opening demonstration sure to leave you with lots to think about!

HOLIDAY REGULARS

CAMERA OBSCURA - Daily @ 12:00 & 14:00
Have you ever taken a tour of the city while standing on one spot? Join us on one of our Camera Obscura tours for a 360° view of the surrounding area. Listen for announcements to join the tour - tour is weather dependant.

SCIENCE SHOW - Daily @ 13:00
Some call it magic, we call it science. Our daily Science Shows will excite while nurturing awareness that science is a part of our daily lives.

CUB WEDNESDAYS
Cubs, Brownies and Scouts from any pack will be given free entry to the CTSC on Wednesday 4 April 2018 provided they come dressed in their Cub, Brownie or Scouts uniform.