

MINI MAKER CLUB

Exercise your Maker genes! The maker movement has become a global phenomenon where kids develop their critical thinking, creativity and collaborative skills in an innovative hands-on environment. This club will include robotics, 3D printing, and our tinkering challenges which include parachute design in the CTSC wind tunnel and designing an air-powered car. Lots of take-home creations to be included, so don't miss out!

DATES: 3 - 5 July
TIMES: 10:00 - 13:00
AGES: Suitable for Ages 7+
COST: R600 (non-members)
R430 (CTSC members)

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



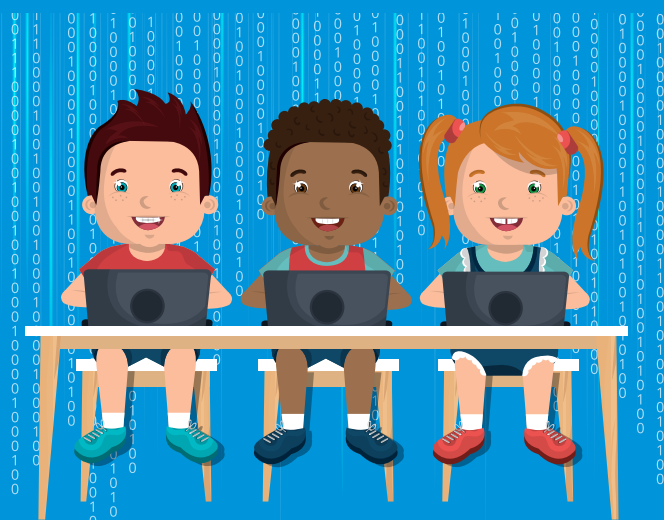
LET'S CODE! HOLIDAY CLUB



Get a behind the scenes view of the internet and build your own webpage. Explore web design with HTML5, CSS and JAVA script. This easy to follow coding club will nurture 21st century skills in a relaxed and creative environment. Become a creator rather than just a user of technology and join the Cape Town Science Centre's Let's Code Holiday Club! 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.

DATES: 25 - 28 June (10:00 - 13:00)
2 - 5 July (13:30 - 16:30)
AGES: Suitable for Ages 8+
COST: R600 (non-members)
R400 (CTSC members)

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



SCIENCE CLUB WINTER 2019

Lose the text book, forget the tests and simply enjoy science at its best! This four-day club will put science in your hands as you make alien-like slime, dig for dinosaurs, create bubbling and colourful volcanos and much more!

DATES: 25 - 28 June
TIMES: 10:00 - 13:00
AGES: Suitable for Ages 8+
COST: R640/child (non-members)
R440/child (CTSC members)

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



HOLIDAY PROGRAMME

15 June - 8 July 2019



2019

Ha!

The Element of Fun

365.25

Celebrating the International Year of the Periodic Table

CTSC MEMBERSHIP

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

OPENING HOURS

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



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.

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	
						15 June 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	16 June 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>
17 June 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	18 June 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>	19 June 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	20 June 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	21 June 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	22 June 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	23 June 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	
24 June 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>	25 June 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	26 June 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>	27 June 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	28 June 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	29 June 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	30 June 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	
1 July 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	2 July 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>	3 July 11:00 Edible Slime 12:00 🦋 Pressure 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Engineering Made Electric 15:00 <i>Camera Obscura</i>	4 July 11:00 Family Egg Drop Challenge 12:00 🦋 Volcanos 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Frozen Fossils 15:00 <i>Camera Obscura</i>	5 July 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	6 July 11:00 Dry Ice 12:00 🦋 Sub-zero science 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	7 July 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 Fizz and Pop Chemistry 15:00 <i>Camera Obscura</i>	
8 July 11:00 Hot Chocolate Challenge 12:00 🦋 Under the Microscope 12:30 <i>Camera Obscura</i> SCIENCE SHOW 14:00 LEGO Six Bricks 15:00 <i>Camera Obscura</i>	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 2em;">HOLIDAY REGULARS</div> <div style="width: 80%;"> <p>CAMERA OBSCURA 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 out for announcements to join the tour. Please note that this activity is weather dependant.</p> </div> <div style="width: 80%;"> <p>SCIENCE SHOW 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.</p> </div> <div style="width: 80%;"> <p>CUB WEDNESDAYS Cubs, Brownies and Scouts from any pack will be given free entry to the CTSC on Wednesday 18 & 26 June, 3 July 2019 provided they come dressed in their Cub, Brownie or Scouts uniform.</p> </div> </div>						

HANDS-ON WORKSHOPS



Release your inner scientist in CTSC's popular holiday workshops. Get your hands dirty exploring things that bubble and fizz, fly through the air, and change electric colours.

Activities are free unless otherwise stated. Standard entry fees to the CTSC apply to all visitors.

EDIBLE SLIME

(Ages 4+ • Cost: R5 per child)

Slime is oozy, gooey, sticky and fun. Do you think we can make edible slime? Let's find out!

DRY ICE

(Ages 7+ • Cost: R5 per child)

A sub-zero winter workshop! Come and investigate an ice that is never wet but always cold. Dry ice has special properties which will be explored in this hands-on workshop.

FAMILY EGG DROP CHALLENGE

(Ages 7+ • Cost: R5 p/p)

Science doesn't have to be boring, expensive or time-consuming. Put your mind to the test in this family-based tinkering challenge. Try to build a protective capsule to protect your egg as it is catapulted through the air. #EggsMustFall

HOT CHOCOLATE CHALLENGE

(Ages 6+ • Cost: R5 p/p)

Put your sensory skills to the test by exploring, as a connoisseur, the hidden flavours of our hot chocolate. Fun observations and surprising combinations await you in this workshop.

LEGO SIX BRICKS

(Ages 5+ • Cost: Free)

Join the global frenzy in fun hands-on learning with LEGO Six Bricks. Introduce learning through play by developing memory, perceptual and communication skills.

ENGINEERING MADE ELECTRIC

(Ages 6+ • Cost: Free)

Take your first step into being an engineer and progressively build more and more interesting circuits. From bright lights to beeping sounds, come and explore circuits made simple!

FROZEN FOSSILS

(Ages 5+ • Cost: Free)

Be an explorer and discover what is hidden in the ice. Learn how scientists investigate the past as you chip away at your own discovery.

FIZZ AND POP CHEMISTRY

(Ages 6+ • Cost: Free)

Explosive and colourful chemistry awaits you in this hands-on workshop using safe household products.

THE SCIENCE CORNER

THE BIG SHOW & TELL

🦋 SUB-ZERO SCIENCE

Investigate sub-zero science with a liquid that is colder than your freezer at home. Imagine something so cold that it can freeze plants so that they shatter like glass. Come and discover the wonderful world of liquid nitrogen.

🦋 UNDER THE MICROSCOPE

Step into a scientist's shoes and take a closer look at everyday items and objects under the microscope. It will give you a new perspective on the world around you.

🦋 PRESSURE

Pressure is something you encounter all around you, but how does it work? Explore the surprising science of pressure as we investigate explosions, sinking divers and the bed of nails. Balloons may be harmed in the making of this demonstration!

🦋 VOLCANOS

Ever wanted to see an erupting volcano up close? Come and experience volcanos at the CTSC in explosive colours.

