



CAPE TOWN SCIENCE CENTRE

Deep Sea Discovery

WEEKEND PROGRAMME

**Get ready to dive deep and uncover
the hidden wonders of our oceans!**

6, 13, 15*, 16*, 20 JUNE & 25 JULY 2026





THE WORLD BENEATH THE WAVES

Join us at the Cape Town Science Centre for an exciting journey into the science of the sea, where mysterious creatures drift, waves shape our world, and human ingenuity meets the power of water.

Through interactive experiments and creative builds, kids will explore how marine life thrives, how boats float, and how coastal structures protect our shores.

From jellyfish in a bottle to boat design challenges, each workshop blends hands-on fun with scientific discovery, showing how simple materials can unlock the secrets of the deep.

It's a playful, immersive adventure that combines curiosity, creativity, and ocean science perfect for young explorers eager to discover the world beneath the waves.



SCHEDULE



10:00	LIGHT ROOM
11:00	WORKSHOP
12:00	CAMERA OBSCURA
13:00	SCIENCE SHOW
13:30	DEMO
14:00	WORKSHOP
14:30	LIGHT ROOM
15:00	CAMERA OBSCURA

OPENING HOURS:

Monday to Saturday: 09:00 - 16:30

**** Closed on SUNDAYS ****

Public Holidays: 10:00 - 16:30

ENTRY FEES:

Youth (3-18) & Adult - R95

Pensioner - R45

Family Package (4 people) - R340

Group (10 or more) - R85 pp

CAPE TOWN SCIENCE CENTRE | 370B MAIN ROAD, OBSERVATORY | WWW.CTSC.ORG.ZA

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 publishing. Programme is subject to change without notice.



WORKSHOPS

11:00 and 14:00



Jellyfish in the bottle

(6 June)

Dive into creativity with our mesmerizing jellyfish in a bottle workshop!

In this hands-on activity, you'll craft your very own floating jellyfish that drifts and dances inside a clear bottle. Give it a shake, tip it upside down, and watch as your jellyfish glides gracefully through its watery world.

It's a magical mix of art and science - like carrying a piece of the ocean with you wherever you go.

Age: 5+ * Capacity: 32

Cost: R5

Ocean in the bottle

(13 June 2026)

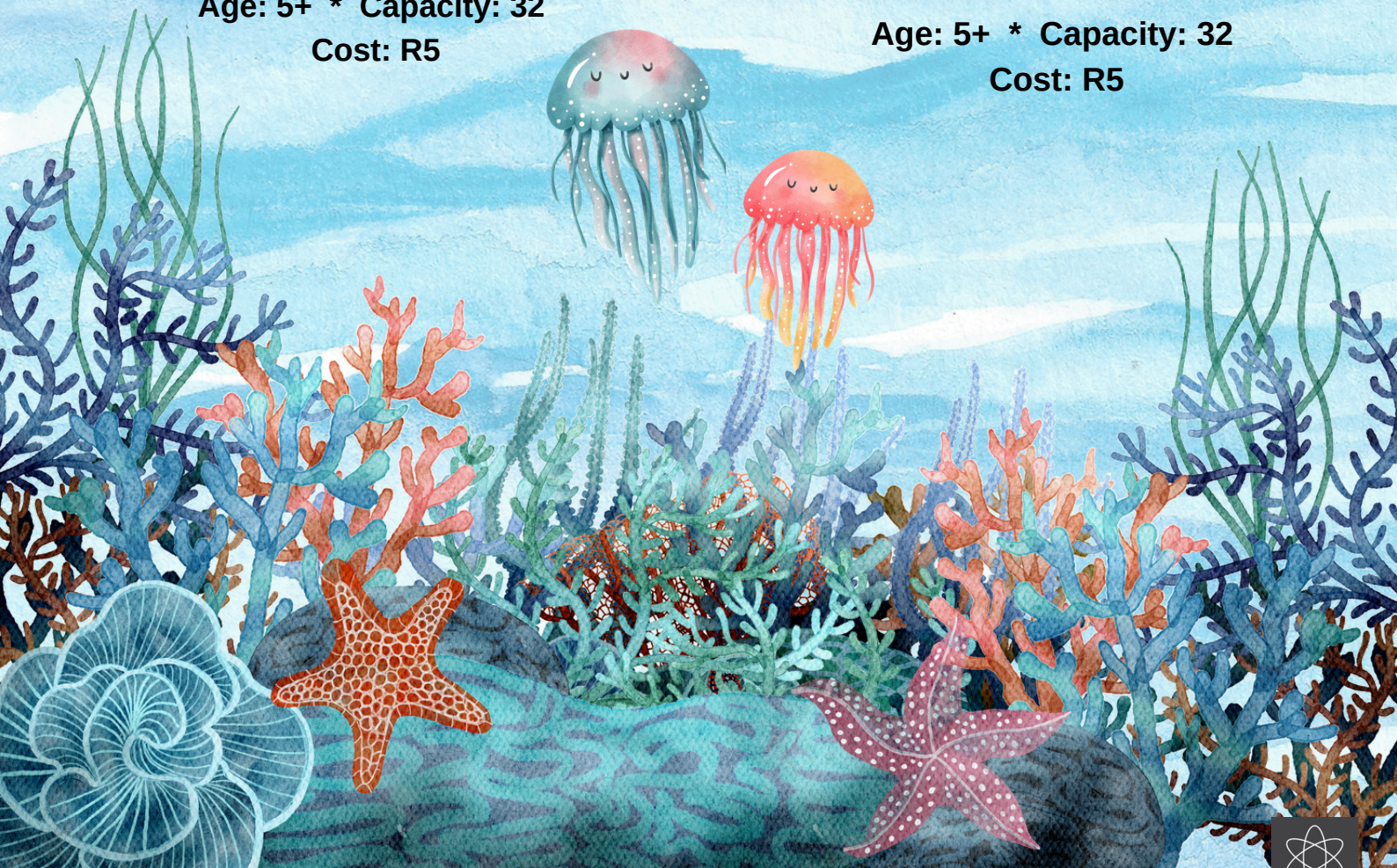
Get ready for an exciting ocean adventure with our ocean in a bottle of activity!

Join us in this hands-on workshop to create your very own tiny world of waves and wonder inside a bottle.

Shake it up and watch as the magic unfolds right before your eyes. It's like having your own miniature ocean to explore anytime, anywhere.

Age: 5+ * Capacity: 32

Cost: R5



WORKSHOPS

11:00 and 14:00



Deep Blue Sea Slime

(15 & 16 June)

Dive under the sea slime and unleash your imagination!

Create ocean-inspired creatures with vibrant colours and squishy textures. It's slimy fun that brings the wonders of the deep blue right to your fingertips!

Join us in this hands-on workshop to unleash your imagination on what you think you may find in the deep blue sea.

Age: 5+ * Capacity: 32

Cost: R10

Sink or Float Challenge

(20 June 2026)

Ahoy, young inventors!

This activity is all about testing your boat-building skills. Once your masterpiece is complete, it's time for the ultimate trial - will it float or sink? Watch the excitement unfold as boats bob, drift, or dive, and learn the science behind what keeps them afloat.

It's a thrilling mix of discovery and suspense on the water's edge.

Age: 5+ * Capacity: 32

Cost: R5

DIY Concrete Dolos Clay Model

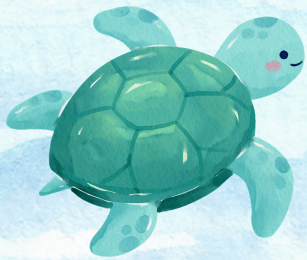
(25 July)

Dive under the sea slime and unleash your imagination! Create ocean-inspired creatures with vibrant colours and squishy textures. It's slimy fun that brings the wonders of the deep blue right to your fingertips! Join us in this hands-on workshop to unleash your imagination on what you think you may find in the deep blue sea.

Age: 5+ * Capacity: 32

Cost: R10





DEMONSTRATIONS

13:30 at The Science Corner



Waves in a bottle

(6 June)

Shake, tilt, and swirl to watch miniature waves dance inside a bottle! This experiment demonstrates how energy travels through liquids, creating oscillations similar to ocean waves. Explore the principles of wave motion and see how disturbances ripple through water.

Mini Tsunami

(13 June)

Witness the water cycle in action! Create clouds in a jar and simulate rainfall, then unleash a mini tsunami to see how energy moves through water. This hands-on activity explores condensation, precipitation, and energy transfer in fluids.



Play Sand

(15 June)

Discover the fascinating properties of sand! From grain size to texture, sand demonstrates the principles of granular materials and how friction and cohesion affect its behavior. Build, mold, and explore the science behind this everyday material.

Underwater Volcano

(16 June)

Drop colorful substances into water and watch dazzling bursts of “fireworks” or a bubbling underwater volcano erupt! These experiments showcase density differences, solubility, and chemical reactions in a visually stunning way.



Air pressure magic water dispenser

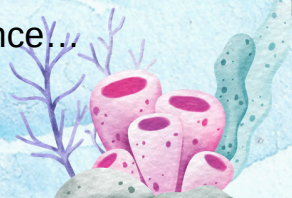
(20 June)

Turn an ordinary bottle into a fascinating water machine! With just a balloon, straw, and a little air pressure, watch water flow like magic at your command. Squeeze, press, and control the invisible force of air as it pushes water out like a real-life dispenser. Simple materials... surprising science... and a whole lot of WOW!

Tornado in the bottle

(25 July)

Spin a bottle to create a swirling vortex and see the power of a tornado in miniature! Then, explore how air pressure can move liquids into a drink dispenser. These experiments demonstrate the principles of fluid dynamics and atmospheric pressure.



SCIENCE SHOW

Get ready for an extraordinary science show that will blow your mind! Join our talented scientists as they perform mind-boggling experiments, create colourful chemical reactions, and unveil the mysteries of the universe. With dazzling visuals and interactive demonstrations, this show will ignite your curiosity and leave you in awe of the wonders of science.

Prepare to be amazed and inspired!

Time: 13:00 | Ages: Suitable for the whole family | Cost: Entry fee only

CAMERA OBSCURA TOURS

Step into the fascinating world of the Camera Obscura! Discover how light, lenses and mirrors work together to project a live image of the outside world onto a giant screen. Experience the wonder of this centuries-old optical invention and uncover the science behind its captivating illusions.

Time: 12:00 & 15:00 | Ages: Suitable for all ages | Cost: Entry fee only

ASTROTREK VIRTUAL REALITY

Embark on an unforgettable journey with Astrotrek Virtual Reality at the Cape Town Science Centre! Step into the captivating world of VR and discover the science of light like never before. Immerse yourself in stunning virtual environments that transport you to distant places, all while learning about the wonders of light. Don't miss out on this incredible experience, proudly sponsored by the National Research Fund (NRF) and the South African Radio Astronomy Observation (SARAO).

It's a must-do for all science enthusiasts!

Time: VR: All day* | Ages: Suitable for ages 7+ | Cost: R5 + entry fee

LIGHT ROOM TOUR

Welcome to the wonderful Light Room at the Cape Town Science Centre! Step inside and prepare to be amazed by the magic of light. Explore the beautiful colours and discover how light can reflect and create cool effects. Our friendly facilitators will show you all the secrets of light and make it a fun experience for everyone.

Get ready to have a bright and enlightening time in the Light Room!

Time: 10:00 & 15:00* | Ages: Suitable for all ages | Cost: Entry fee only