



**DUNDEE  
SCIENCE  
FESTIVAL**  
2025



# VISIONS OF THE FUTURE

**SCHOOLS - FEBRUARY**

As Dundee Science Centre celebrates its 25th Anniversary and the Science Festival enters its 15th year, join us to rejoice in the past and future of making science accessible for all!



[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)

# Welcome to Dundee Science Festival 2025

Dundee Science Festival 2025 invites you to embark on an exhilarating journey into the "Visions of the Future," sparking curiosity and igniting imaginations across all ages.

This year's festival will explore ground breaking ideas, innovative technologies, finding solutions to the challenges humans face through exciting activities, inspiring talks, and interactive experiences.

We can't wait to welcome you to Dundee Science Festival 2025 – where tomorrow begins today!

For more information, visit  
[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)



*Discover, Explore and Play*

We are thrilled to showcase a fantastic array of exhibitors this year. Whether it's uncovering the mysteries of nature, exploring the wonders of space, or learning about various streams of science and active research, there's loads of opportunities for exploration and enjoyment with a mix of in-centre, digital, and community events.

## 100% COMPLETELY FREE P5-S2 SCHOOL VISITS FOR DUNDEE SCIENCE FESTIVAL!

- 100% funded admission costs (all schools)
- 100% funding for transport costs (dependant on location)
- Learning Lab schools programme included

**Monday 3rd February - Friday 7th February**

**\*FURTHER WEEK OPENED DUE TO DEMAND!\***

**Monday 24th February - Friday 28th February**

Morning slots (9:30/10am-11:30/12pm) &  
afternoon slots (12/12:30pm-2/2:30pm)  
still available!

**Please see next page for details**

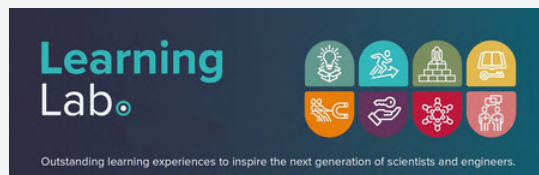


# Schools - Learning Lab



Dundee Science Centre is offering a brand-new school visit offer that will allow pupils to explore external exhibitor stalls (3rd-7th Feb only) centred around this year's theme, "Visions of the Future" as well as an opportunity to explore our exhibition floor with a member of our Science Communicator team, who will aid your group in exploring our exciting exhibits and activities.

For primary and secondary (P5-P7 and S1-S2) school visits booked during the first week and last week of February (3rd-7th & 24th-28th February) we will be offering eligible schools 100% TRANSPORT FUNDING subject to a quote for travel on the day (school must be located in a decile 6 or lower area according to the SIMD index or in a UR6 3-6 area, if you are unsure of your schools score please get in touch and we can check this for you) and FREE ADMISSION when enrolling onto our Learning Lab Spring programme for this term (6th January 2025 – 28th March 2025). There is no funding requirement for Learning Lab, thus the programme is free for the following age groups: P5-P7, S1-S2.



**POWERING  
THE FUTURE**

## Programme details:

Learning Lab is a FREE programme for schools located within Dundee, Angus, Fife, or Perth & Kinross (P5-P7, S1-S2). Places are strictly limited and are on a first come first serve basis – we are expecting large demand for this offer, thus if you or your school are interested, please contact us without delay!

Aligned with CfE experiences and outcomes, Learning Lab supports teachers to deliver amazing science in the classroom. With a suggested teaching time of 2 hours per week, this 8-week programme for P5–P7 or 4-week programme for S1-S2 comprises:

- Lesson plans and worksheets for teachers to use if and when they would like to enhance STEM learning in their classroom
- Original video content
- Live interactions with scientists/industry professionals
- Professional learning session – this will be recorded and made available on the Teams page in which teachers will be added to
- Family learning activities
- A FREE Dundee Science Centre visit with possibility of transport funding for eligible schools

Through exciting practical activities, pupils will discover renewable technologies and see that they have the skills needed for a future in the energy industry. Protect a melting ice cube, run a hydrogen relay race, and meet an expert from the energy industry!

**Please email [learning@dundeesciencecentre.org.uk](mailto:learning@dundeesciencecentre.org.uk) to book your FREE VISIT and Learning Lab space!**

For more information, visit  
[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)

# Schools - In-centre



## Scottish Voices with



Join the team from the psychology department at Abertay University to find out if you have an ear for Scottish accents.

Listen to various voices and group them by similarity - how well can you differentiate Scottish accents? Participate in this activity and be a part of active research!

Monday 3rd - Friday 7th Feb, 9:30am - 2:30pm

Dundee Science Centre,  
14 Greenmarket, Dundee, DD1 4QB

## Mission to Mars with



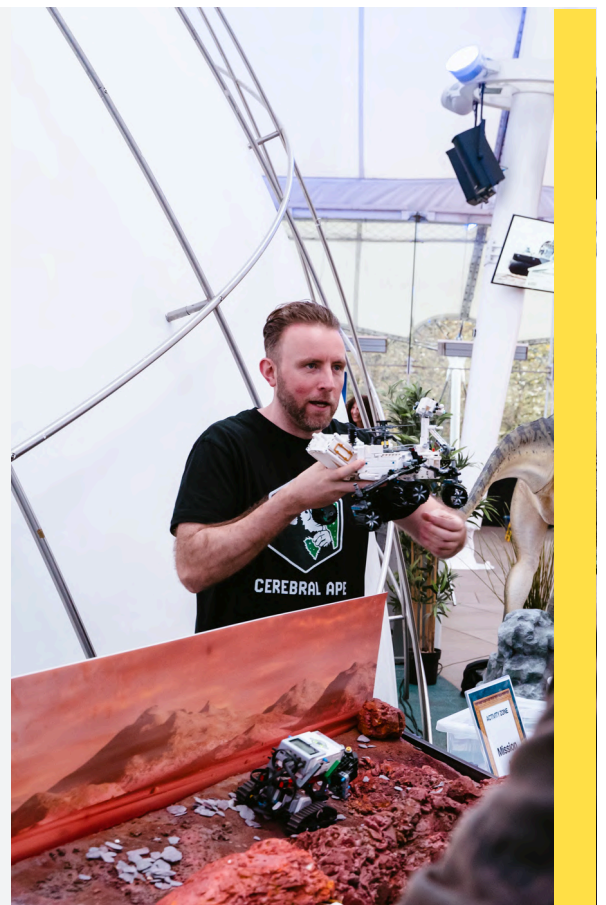
## CEREBRAL APE

Join the Cerebral Ape team as they take you on a fascinating journey exploring Mars.

An interactive experience that allows participants to control a robotic rover over our custom-built Mars landscape.

Thursday 6th & Friday 7th February, 9:30am - 2:30pm

Dundee Science Centre,  
14 Greenmarket, Dundee, DD1 4QB



For more information, visit  
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# Schools - In-centre



## The Human Body with Dundee & Angus College

Investigate the human body through interactive hands-on activities – learn about cell structures and make your own out of Play-doh, have a go at making origami models of the human body, and discover more with virtual reality technology.

SCIENCE  
FUTUR>S

Monday 3rd - Friday 7th Feb, 9:30am - 2:30pm

Dundee Science Centre,  
14 Greenmarket, Dundee, DD1 4QB

## Optical Illusions & Mathematics with



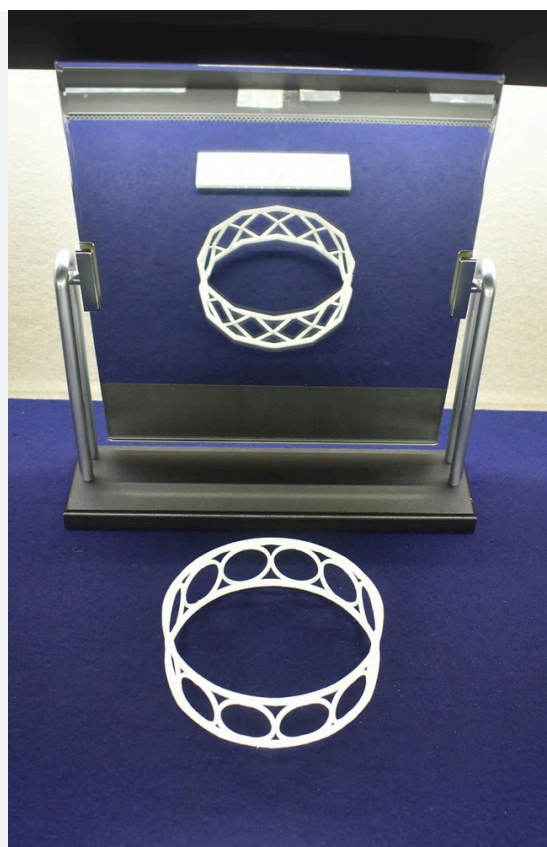
School of Science  
and Engineering  
University of Dundee

Explore many ways in which the brain can be tricked with a range of optical illusions from the work of Professor Sugihara (Meiji University in Tokyo) being displayed by the Mathematics department at the University of Dundee.

Join the team of staff and researchers to learn the science and maths behind these illusions and see how a different viewpoint can completely change your perception.

Tuesday 4th February, 9:30am - 2:30pm

Dundee Science Centre,  
14 Greenmarket, Dundee, DD1 4QB



For more information, visit  
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# Schools - In-centre



## Touch Table with



Discover a range of interactive artefacts and games at this pop-up stall supporting the work of The Scottish Deer Centre & Wildlife Park.

Monday 3rd & Tuesday 4th Feb, 9:30am - 2:30pm

Dundee Science Centre,  
14 Greenmarket, Dundee, DD1 4QB

# Schools - Outreach

## “Visions of the Future” Outreach workshops for P1-P7

The Dundee Science Centre team will be on tour during the last week of February, delivering workshops and experiences into school settings. The sessions are based on the theme of “Visions of the Future”, focusing on engineering challenges we will face in the future and the innovations being developed to address these. that include, sustainability, electrical engineering, construction and renewable energy & storage.

Monday 24th - Friday 28th February

At your school, Dundee only

Booking required - see website for details



For more information, visit  
[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)

# Schools - Outreach

## ROYAL BOTANIC GARDEN EDINBURGH



Made possible with

**Heritage  
Fund**

### Scottish Roots (Early and First Level)

Join the Royal Botanic Garden Edinburgh as we take a journey into a world of plants, myths and legends. Listen to stories to learn about some of our amazing and unique Scottish plants, their traditional uses and the different names they have around our country. Get hands on with activities which get scientific cogs turning and creative ideas flowing. Then head outside into your playground to spot some of these special plants and get inspired to protect and care for biodiversity and the planet. This workshop was made possible by the National Lottery Heritage Fund with thanks to National Lottery players.

**Age and stage:** EY-P4 (Early level and first level)

**Max group size:** 25 (P1) 33 (P2-4)

**Running time:** 1.5hr for first level and 1hr for early level

### Scottish Roots (Second Level)

Join the Royal Botanic Garden Edinburgh on a journey which merges storytelling, folklore, scientific investigation and traditional plant uses to learn about some of the most interesting Scottish plants. Use scientific skills to solve problems, discover some of the stories hidden in plant names and connect with Scottish plant heritage. Pupils will also contribute to our plant storybook where you can contribute your own plant stories as well as hearing the stories of pupils across Scotland! This workshop was made possible by the National Lottery Heritage Fund with thanks to National Lottery players.

**Age and stage:** P5-7 (Second level)

**Max group size:** 33 pupils

**Running time:** 1.5hr

Monday 24th - Friday 28th February

At your school, within 40 mins of Dundee

Booking required - see website for details



For more information, visit  
[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)

# Schools - Digital



## Live Link! Virtual Tour with



Science and  
Technology  
Facilities Council

Boulby Underground  
Laboratory

Discover STFC's Boulby Underground Laboratory, the UK's deep underground science facility, 1.1km beneath North Yorkshire.

Over the course of a 1-hour live link, we will be broadcasting a live, virtual tour of the lab and all its science, as well as answering questions about the experiments, what it's like working deep underground, and more.

The Boulby Underground Laboratory team will introduce the lab's wide variety of multidisciplinary science projects including:

- dark matter detection studies
- astrobiology
- life in low radiation investigations
- material screening suites
- Mars rover testing
- seismology
- renewable energy storage
- neutrino physics, and more.

Learn how scientists around the world try to prove one of cosmology's greatest mysteries and search for life on Mars all in the same place...

Wednesday 5th February, 10:30am-11:30am

Online

Booking required - see website for details



For more information, visit  
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# THE LORD PROVOST STEM INSPIRATION AWARD

As part of Dundee Science Centre's 25th Anniversary, our *STEM-tastic* schools competition is returning!

Primary school children from across Dundee are invited to participate individually to create an A4 poster using the provided template to:

***Design an exhibit for display at the Dundee Science Centre***

Finalist entries will be showcased at Dundee Science Centre during the Festival. The winner and their class will be invited for a **FREE** visit to the centre (alongside **FREE** coach transport) on the 21st February, to receive a trophy and prizes from the Lord Provost of Dundee!

**BE PART OF THE DUNDEE SCIENCE CENTRE'S 25TH ANNIVERSARY**

For additional information about the STEM Inspiration Award please contact:  
[learning@dundeesciencecentre.org.uk](mailto:learning@dundeesciencecentre.org.uk)



# MANY THANKS TO OUR SUPPORTERS

Dundee Science Festival is brought to you by Dundee Science Centre, an independent charity. It would not be possible without the support of our funders as well as the commitment and enthusiasm of the many organisations who get involved each year.

Below is an overview of our key funders, for full information on all our partners please visit [www.dundeesciencecentre.org.uk](http://www.dundeesciencecentre.org.uk)



**Scottish Government**  
Riaghaltas na h-Alba

**Edina**  
Trust

To find out more, visit the website  
[www.dundeesciencecentre.org.uk/festival](http://www.dundeesciencecentre.org.uk/festival)



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#DundeeScienceFestival



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