

More Music, Morecambe | The Store<u>y</u>, Lancaster Friday 11 Saturday 12 April

Free family-friendly festival

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Brought to you by Lancaster Es SNdWyJ



Meet our brilliant Lancaster University researchers! Crack a crime

Teddy Bear Hospital Gravity well Wind tunnel





Create Al-shadow magic Virtual reality Eye-tracking games Bubble making Clay modelling

Chinese calligraphy Beatboxing - see your tongue in action Design your own snack!

... and more!

Open to all Children must be accompanied



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Friday 11 April

The Language Lab

curious minds of all ages.

Want to find out how your tongue moves when

speaking? Discover the secrets of speech! See

(if you dare!) be amazed by a live beatboxing

demo to reveal the way we use our mouths to

make music, or test your knowledge in our quiz

on gendered language in animation. Perfect for

MAPPING

DOCTORS

your own tongue in action using our ultrasound

machine, crack a language themed escape game

you talk? Or how noisy your nose is while

All of Friday's events are drop in, from 10.30am to 4pm at More Music in Morecambe

Whodunnit? A Crumby Crime Scene Investigation

Calling all junior detectives (and grown up ones too!) A sneaky biscuit thief is on the loose, and we need your help to crack the case. Using real forensic science, you'll analyse DNA clues left at the crime scene and help uncover who stole from Dr Biscuit! Suitable for curious minds of all ages, come and put your sleuthing skills to the test. Along the way, you'll discover how biology helps solve crimes and learn about the wibbly-wobbly molecule that makes us who we are.



a photo and discover how explorers, researchers and scientists dress for their work, whether in a lab, office or out in the wild. Take part in a community drawing about your dream research project, imagine where in the world (or beyond) you'd investigate and what you'd need to wear. Plus, find out about real research opportunities to get involved with. All curious minds welcome

From lab coats to raincoats, safety goggles

to sunglasses, different researcher jobs

need different gear. Try them on, snap

Dress Up Like a Researcher

Guess Who?



Tinkering with Tech

Do you love tinkering with tech? Learn how to build your own electronic games and solder a robot light-up pendant. Then, dive into our interactive games RepairLand and EnergyMaster! This activity lets you explore technology while also learning about sustainability issues related to the growing use of artificial intelligence, tech, and smart devices. Perfect for all curious minds aged 7+.

Are You Lost? Explore Bowland with Lancaster Arts

Join artist Rob St John for creative activities where you can explore the beautiful Bowland landscape through mapping, recording, writing, and making. Whether you know the area or you don't, you'll help contribute to a series of art installations, including film, textile, and sound art, to be showcased in Bowland in 2025. Are You Lost? is part of Nature Calling, an exciting project that inspires people to connect with nature in fun and creative wavs!





Physics Fiesta! Friday's Whirlwind of Fun

Gravity wells and wind tunnels... it can only be our physicists bringing you their Physics Fiesta! Have a go at the gravity defying gravity well, where marbles zoom around just like planets in space! Then, blast into the wind tunnel and watch how different objects swoosh through powerful air currents. With all sorts of super hands on science experiments to have a go at, activities are perfect for all curious minds to discover the wonders of science

Where Are the Doctors? A Game and Exhibition Adventure!

Get creative and design a poster to attract more doctors to work in Lancaster and Morecambe. How do doctors decide where to work? Why do some places have loads of doctors while others don't have enough? Join the Mapping Underdoctored Areas Team for a curious exhibition featuring comic strips and interactive activities exploring the big questions behind healthcare access. Perfect for curious minds of all ages.



AI work its magic. A smash-hit at Light Up Lancaster, this cutting-edge experience is back as part of Campus in the City. Don't just watch the show, become part of it! Suitable for all intrigued, curious minds.

Lightsaber Science: Unleash the Force!

Lights, science, action! Build your own 'Lightsaber in a tube' and explore the hidden power of light. Is blue light more powerful than red or green light? Find out why this matters for generating electricity, building radiation detecting cameras, and even spotting cosmic rays from space. A perfect mix of science, creativity and cool experiments. Suitable for all, spark your curiosity and unleash the (light) force.

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Davy's Discovery Lab

Get ready for an epic adventure where science and poetry come together! Discover the world of Humphry Davy, the inventor and poet who made big changes. Explore interactive displays, solve fun quizzes, and get creative at the poetry wall and craft station. Plus, take on Davy Bingo for a chance to win awesome prizes! It's all about discovering, making, and having fun. Perfect for curious minds of all ages

Clay Creations of the Bay

Grab a ball of clay and shape it into your story or a memory of Morecambe Bay - whether it's playing in the sand, spotting jellyfish, or cycling along the promenade. Add your creation to our ever-growing Bay model and help tell the story of the place, people, and wildlife. Get creative (and a little messy), and make your own piece of Morecambe Bay! Perfect for all creative and curious minds.





Chinese Calligraphy

A fun and creative journey into the world of Chinese calligraphy with Lancaster University Confucius Institute! Learn about this ancient art form, which has been practiced for more than 3,000 years.

Try your hand at using a brush and ink to create beautiful Chinese characters while discovering their meanings. Perfect for families who want to explore culture, art, and creativity together.

Sound Superpowers

Unleash your auditory superpowers! Come and discover how your brain processes sound. Learn how you understand words, hear in noisy places, and recognise the sounds of cars, birds, and more. It's time to put your ears to the test and see how your brain makes sense of the world around you. Perfect for curious minds of all ages, come and 'ear' the science behind sound.



Saturday 12 April

All of Saturday's events are drop in, 10.30am-4pm at The Storey, Lancaster

(unless otherwise stated)

Teddy Bear Hospital: Fix, Learn and Explore

See Friday for details.

Shadowplay

See Friday for details.

Young Marketeers:

Design Your Dream Snack

Meets Music, Mind & Art

Imagination Cave: Virtual Reality

Join us for a mind-blowing virtual reality

(VR) art experience and explore the amazing

Imagination Cave... choose a piece of music... let your imagination run wild... see artificial

intelligence transform your creative thoughts

masterpiece in a virtual gallery. Brought to you

and the Psychology Department. For all curious,

by Lancaster University's ISS Innovation Hub

into a unique artwork... then view your

cutting-edge minds! Join us 10.30-1pm.

connection between music, creativity and the human mind! Simply step into the VR

Got a teddy with a broken leg? A bear with a bellyache? Or a cuddly toy who's feeling under the weather? Bring your furry friends for a check-up and expert care from our Teddy Doctors. Fun, hands-on activities where you can learn what happens at hospitals. Older children and adults can also explore the human anatomy - ever wondered what's inside your ear or how your heart beats? Learn fascinating facts about our bodies and have a go with real medical equipment. Suitable for all curious minds.

Where Are the Doctors? A Game and Exhibition Adventure!



The Great Cholesterol and Artery Challenge

Thanks to funding from the British Heart Foundation, you can have a hands-on adventure exploring cholesterol and how it affects your body! Have a go with the interactive artery model, where you'll race to see how blood flows through healthy and blocked arteries. Take on the blood vessels challenge – can you guide the blood cell through the tricky arteries and win a prize? Along the way, discover what makes cholesterol 'good' and 'bad', and learn how it affects your blood flow.



Whisk Away Pollution! How to Keep the Air in Your Kitchen Clean and Healthy

Fry, bake, steam, boil - did you know that cooking fumes can affect your health? Learn about kitchen air pollution and how to keep the air in your home safe and clean. Discover simple tips to protect your family while cooking, and get creative by painting your very own kitchen utensil to take home. Perfect for all ages looking to get creative and improve their kitchen environment!

Power Up with Penny Batteries

You can make a battery out of coins... no really. you can! Join our chemists for hands-on experiments and discover how battery circuits work. Create your own penny battery, then test how adding more coins affects the electricity it produces. Perfect for all curious minds to learn about batteries and electrical circuits.



The World on Screen

Enjoy a family-friendly movie and dive deeper into its meaning with a free film screening of an animated classic at The Gregson in Lancaster, 2-4pm. The heartfelt film is set in a desolate wasteland where community and survival go hand in hand. After the film, stay for a discussion exploring how films like this

reflect the world around us. The film has a PG rating. Free tickets are limited - book your space www.trybooking.com/uk/ELPO

Tinkering with Tech See Friday for details.

What's the Hype About Hydrogen?

It fuels spaceships and is used to make things we eat and wear, but did you know hydrogen can be made in different ways, and each way is given a special colour name? Join researchers to learn how green hydrogen is created. Assemble an electrochemical cell and watch a solar energy-fed electrolyzer in action. You'll even get to take home a colourful flying wheel to remind you of how hydrogen is made and why it's seen as the fuel of the future! Perfect for all curious minds.

Eye-spy Video Game

Physics Fiesta! Super Science Saturday

Dry ice bubbles, liquid nitrogen, superconduction and gravity wells... it can only be our physicists bringing you their Physics Fiesta! Create magical dry ice bubbles and watch them pop and fizz. Explore the mysteries of superconduction as you make magnets float using liquid nitrogen. You can also try out the bubble hoop challenge to make square bubbles and the gravity well, where marbles zoom around just like planets in space! Activities are perfect for all curious minds.



Step into the future -Explore AI, AR and VR!

Experience cutting-edge artificial intelligence (AI), Augmented Reality (AR), and virtual reality (VR) technologies that are shaping the future of Lancaster University with the Innovation Hub. Share your ideas for future innovations in areas such as life in Lancaster and lots of exciting digital tools! For all curious minds.



Davy's Discovery Lab See Friday for details.

The Future is Woolly!

real time!

What catches your attention on

a screen? Now's your chance to

find out! Play a video game as

which parts of the game catch

your attention and discover how

focus. It's a hands-on, interactive

eye tracking helps researchers

understand what grabs our

activity that's perfect for all

curious minds -come and play, and see how your eyes work in

we track where your eyes go! See

Do you know where your woolly jumper comes from? How about in 25 years? Join us on a baa-rilliant adventure to the year 2050. where we'll explore the future of wool! You'll learn how technology could make wool more sustainable for the environment, farmers, and animals. Get hands-on with futuristic woolly objects and help us decide if the future of wool is awesome or meh. Wool you join us?





Healthy Bodies, Healthy Minds

From body painting to creating life-size organ drawings, medical imaging, and chair yoga - you'll discover what it really means to be healthy in body and mind. The activity invites you to explore exciting demonstrations and playful activities designed using clinical expertise and research. Plus, collect stamps in your Healthy Bodies, Healthy Minds passport as you go!





Young Marketeers: Good Consumption, Bad Consumption Workshop

Join the journey to discover good consumption. What does good consumption (the things we buy, use and eat) mean to you, society, and the planet? This fun and interactive workshop will explore how we can make better choices for our planet. Share your thoughts on how we can make better choices. Come along and make your voice heard at the workshop between 1pm and 2pm.

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Contribute to real research

Calling all young designers and marketers! Digitally create your own design for a snack, from choosing the ingredients to designing it's packaging, setting the price and what people think about it. After you've created your snack masterpiece, you'll earn your very own Young Marketeer certificate! Come along and learn the ins and outs of marketing, and discover a future snack idea!



See Friday for details.









Find out more: lancaster.ac.uk/events/campus-in-the-city

Guess Who? Dress Up Like a Researcher



Join us at the Lancaster University Exchange, where we'll officially preview and launch Campus in the City

Preview

Thursday 10 April

5.30pm | The Storey, Lancaster

Led by Lancaster University's Vice-Chancellor Professor Andv Schofield

Hear from senior University leaders and explore Lancaster's latest achievements

Get a sneak peek at the interactive activities coming to Campus in the City!

Pose your questions and ioin the conversation

Book via trybooking.com/uk/ELUX

Please note: The Lancaster University Exchange is aimed at those aged 14+

Find out more: lancaster.ac.uk/events/campus-in-the-city