

# GREEN'S WINDMILL TRUST



## NEWSLETTER 49

August 2026



### Mill Repairs

The mill repairs continue apace as the new cap frame has now been built out of seven-year dried oak and a new iron curb cast. Much of the work is taking place offsite, though the repointing of the building should begin soon. Small delays may mean alterations to the original timeframe of a November completion, though this is still to be worked out. Look out for more information in the next newsletter. For more regular updates please see our website and social media channels. In this photo you can see the new cap frame mid-assembly at the contractor's workshop.



### Green's Mill Receives Green Flag Community Award



Our splendid garden volunteers have done it again; our green space has received the Green Flag Community Award. Green's Windmill Trust are so proud of the whole team who attend each Friday - all year round - and make the garden what it is, a beautiful green space in an urban environment, an extension to the heritage of the mill, a place to grow produce for the local community, an educational resource and a place for relaxation and tranquillity. This is the 11th consecutive year we've received the award. It's the international quality mark for parks and green spaces and recognises the efforts made by our organisation.

The news that we have met the standards required for the accreditation is testament to our volunteer gardeners' work so that visitors and residents alike can enjoy our green space.

Our Community Garden is open all year round Wednesday to Sunday, 10am – 4pm so please do come and visit this outstanding, beautiful and productive greenspace for yourself. Entry is free.



### Picnic in the Park

Picnic in the Park, our annual community fund day and part of Sneinton Festival, took place on Sunday 12<sup>th</sup> July. Over 250 people visited and £419 was raised for our charity. The main attraction was a fantastic line up of talented local musicians playing acoustically in the garden followed by a performance of Much Ado About Nothing by Nottingham Shakespeare Company. Other things to see and do included a tombola & lucky dip, children's games and colouring activity, cake sale and a plant sale. Many visitors brought a picnic and shared friendship, food and fun in and around the grounds of Green's Windmill and Science Centre. We'd like to say a huge thanks to all the volunteers who helped make the event such a success and show a big appreciation to all the performers who gave up their time for free.



## TikTok

We have jumped on the TikTok bandwagon and added this platform to our social media channels. Expect updates on the story of Green's Windmill, videos from the past, and what we get up to, on a daily basis. We'll be spinning up some laughs too, one gust at a time. Head over to [www.tiktok.com/@greens\\_windmill](https://www.tiktok.com/@greens_windmill) to see our content.



## New Exhibits



We have two new exhibits in the Science Centre. The first is the mysterious *Green's Meditations* produced by physics students from the University of Nottingham. It is a 3D model of a 'potential landscape' and shows how opposite charges behave differently in the same potential landscape via peaks and valleys. It is complemented by an animation illustrating how points of charge alter space through an invisible form called the electric potential. George Green noticed the importance of a potential function and gave it its name on the very first page of his seminal 1828 essay *The Application of Mathematical Analysis to the Theories of Electricity and Magnetism*.

We'd like to congratulate and thank students Sarah and Jorge for their success in developing such a remarkable and interesting exhibit and bringing it to fruition, along with Professor Amalia Patane with support by technical professionals from the University. We'd also like to thank windmill volunteers Dave & Mark for installing the exhibit. In

the main photo you can see (l-r) Green's Windmill Trust Heritage Development Officer Jamie Duff with Sarah, Amalia and Jorge. All four gave talks about George Green and Green's Windmill before the exhibit was revealed to 30 special guests at a launch event in May.

The second exhibit is a historical part of the mill surplus to requirements. Now mounted to the wall, it is a section of clamp measuring 1.4m or 4' 7" in length. As the name suggests, a pair is fitted to the upper and lower faces of each stock (the huge spars on the windmill that support the sails), clamping the centre point. This reduces the likelihood of weathering or fatigue-related damages in or around the canister, the sole contact point with the drive mechanisms inside the building. The stocks are around 52' in length. For a moment, consider the force exerted by the wind on the sails. How might the stocks behave? We can see how such bracing aids the longevity of a mill's operational lifespan by years.

The new exhibits do not end there - there're another two on the way; a 3D printed water drop feature and a Lego model of an MRI scanner. We hope to reveal these to the public soon, keep an eye on our social media channels for updates.



## Volunteers Summer Party



Twenty-four members of our volunteer team recently enjoyed the annual summer party on a warm and sunny summer's evening in the beautiful surrounds of the Community Garden. Volunteers enjoyed a hot and cold buffet largely prepared by miller Andy, while trainee miller Leigh turned DJ, providing an abundance of cheesy music via his 'decks'. A short speech was given by Heritage Development Officer Jamie congratulating the gardeners on their Green Flag Award and thanking volunteers for their continued efforts and support. As was once said of us, there's lots of housekeeping to do but occasionally we have a party.

Our volunteers are extremely valued but we really need more people, especially behind the scenes, to ensure that the organisation continues to thrive and develop. If you have useful skills and experience and think that you might like to join us, we would love to hear from you. You can find out more information here:

<https://www.greensmill.org.uk/support-us/volunteer/>

## Meet the Team – Lex Charlton

### What's your hometown and country?

I'm originally from the U.S. but have lived in the UK for around eight years now, first in Letchworth Garden City, and now here in Nottingham where I am a student.

### What's your role?

I'm usually volunteering at the front desk, welcoming visitors and manning the shop register. There are often small jobs that need doing though, such as putting together scavenger hunt prize packs, restocking shelves, and cleaning items that have been brought out for display. I have also helped with special events, including baking lessons, holiday events, and exhibit openings.

### How long have you been involved?

I have been volunteering at Green's Mill for about a year, having started in August of 2025.

### What attracts you to contributing at Green's Mill?

As a physics student I really enjoy being able to contribute to science communication. Green's Mill is a wonderful place for the public to learn about some scientific concepts that don't really get introduced in school but are incredibly important to modern technologies that we use every day. The mill is also very important as a community centre and it's nice to contribute to something which is clearly very important to a lot of people, especially families.

### Where did you first hear about Green's Mill?

I first learned about Green's Mill through the University of Nottingham Physics Society. The society does a yearly trip to the mill due to the important contributions of George Green to Physics and Mathematics.

### What's your favourite memory of the site?

My favourite memory at the Mill would have to be the winter holiday event. It was nice seeing the site as busy as it was, and to see everyone having a good time.

### Which flour is your favourite type, and why?

White flour. I have a bit of a sweet tooth and it's the go-to for any cakes, brownies, donuts, etc.

### What would we most often find you baking in your kitchen?

You'll usually find me baking some kind of pie, typically cherry.



## Sustainable Future: Face of Change

Heritage Development Officer Jamie was delighted to be photographed recently as part of work by Nottingham College photography students. Deanna took this fantastic photo of Jamie in the Community Garden as he talked about its sustainability, and it was then exhibited last month at the Surface Gallery. The exhibition was called 'Sustainable Future: Face of Change' and celebrates sustainability champions who are making a positive impact on the environment and their local community across Nottingham. Several people across the district were featured.

### Funding News (image 10)

Our fundraising subcommittee continue to work hard researching possible funding streams and completing grant applications. Due to the ongoing mill repairs programme we've seen a reduction in visitor numbers recently which has resulted in a loss of income. While we've

had some grant success since the last newsletter, funds are still tight. If you'd like to support our activities donations can be made to our JustGiving checkout page here: <https://checkout.justgiving.com/mvhv6dptdd> or you may wish to consider doing a sponsored activity to raise support from family, friends and colleagues.

## Grants since the last newsletter

The Trust is reliant on the generosity of other trusts, charities and businesses. Recently, **The Thomas Farr Charity**, established in 1989 following the sale of the Home Brewery in Nottingham, has donated £5,000 towards our running .

Another grant for running costs has come from car retailer **The Arnold Clarke Community Fund**. They have kindly given £750.



**The Marsh Charitable Trust** has provided a further donation of £600 toward our running costs.

Through their Financial Giving Scheme, bakery company **Warburtons** have given £400 to develop our Community Garden and help increase our capacity to grow crops for the benefit of the local community.

Lastly, Nottingham-based charity **The Renewal Trust** provided £89 to cover the costs of our recent Picnic in the Park event as part of the 'Dales Doing It Together' fund from the Mayor's Community Development Fund (CDF).

*(Your treasurer notes that the Trust has to raise in excess of £1,000 a week to ensure that we continue to keep this unique site open and to run our programme of events, activities and educational sessions)*

## We Will Say It Again . . .

Have you thought about joining our splendid team at Green's Windmill? As well as volunteers to help with all our events and activities on-site, we need people to help with all the 'behind the scenes' tasks. We especially need people to join us as trustees to ensure that we can take Green's Mill into a bright future. The refurbishment of the windmill is a milestone in our story and a great moment to join the team.

Could you help ferret out possible grants and other sources of funding? Edit this newsletter? Become the treasurer and keep the accounts in good order (no accounting experience needed)? Help develop our science exhibits and events?

What's in it for you? Well, the satisfaction of being part of a great team of people with a passion for the Mill, of helping promote the reputation and legacy the most important person born in Nottingham . . . and you get to enjoy our volunteers' party.

Interested? Get in touch and come and have a chat.

## Forthcoming Events

There's lots of activities at the Mill over the summer holidays: Games Days, Oaty Bakes Baking and Biscuit Baking

Some of our Activities are free and drop-in, no booking required. For others we have introduced a new on-line booking system.

For more details of events and to book places, please go to

[www.greensmill.org.uk/events-news](http://www.greensmill.org.uk/events-news)



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Open Wednesday to Sunday 10.00 - 4.00 Free admission

Parking on Windmill Lane (2 hours free, then pay by Ringo app) /// [horns.reduce.feed](https://horns.reduce.feed)