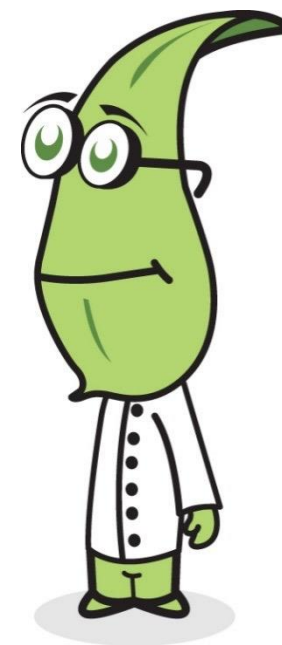


# Introduction to the Spring Bulbs for Schools Report



**AMGUEDDFA  
CYMRU**

**Edina  
Trust**

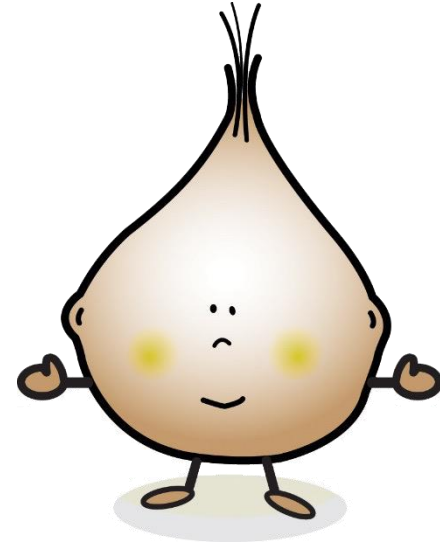
Bulb Project



# INDEX

*Click on the section you wish to see or scroll through to view in the order listed below.*

- [Introduction to the Project](#)
- [Super Scientist awards](#)
- [Special recognition schools](#)
- [Highly Commended schools](#)
- [Runners-up](#)
- [Winners](#)
- [Introduction to data reports](#)
- [Further resources](#)



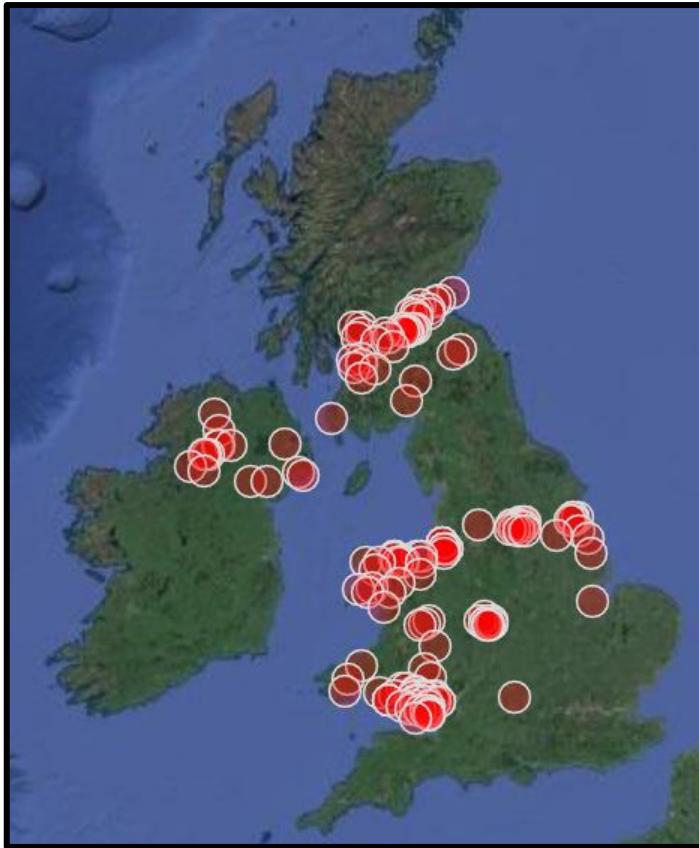
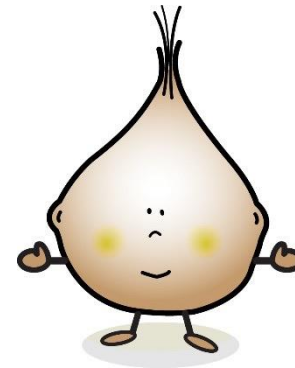


# The investigation...

Since October 2005, school scientists across Wales have been keeping weather records and noting when their flowers open, as part of a long-term study looking at the effects of temperature on spring bulbs.



# Edina Trust

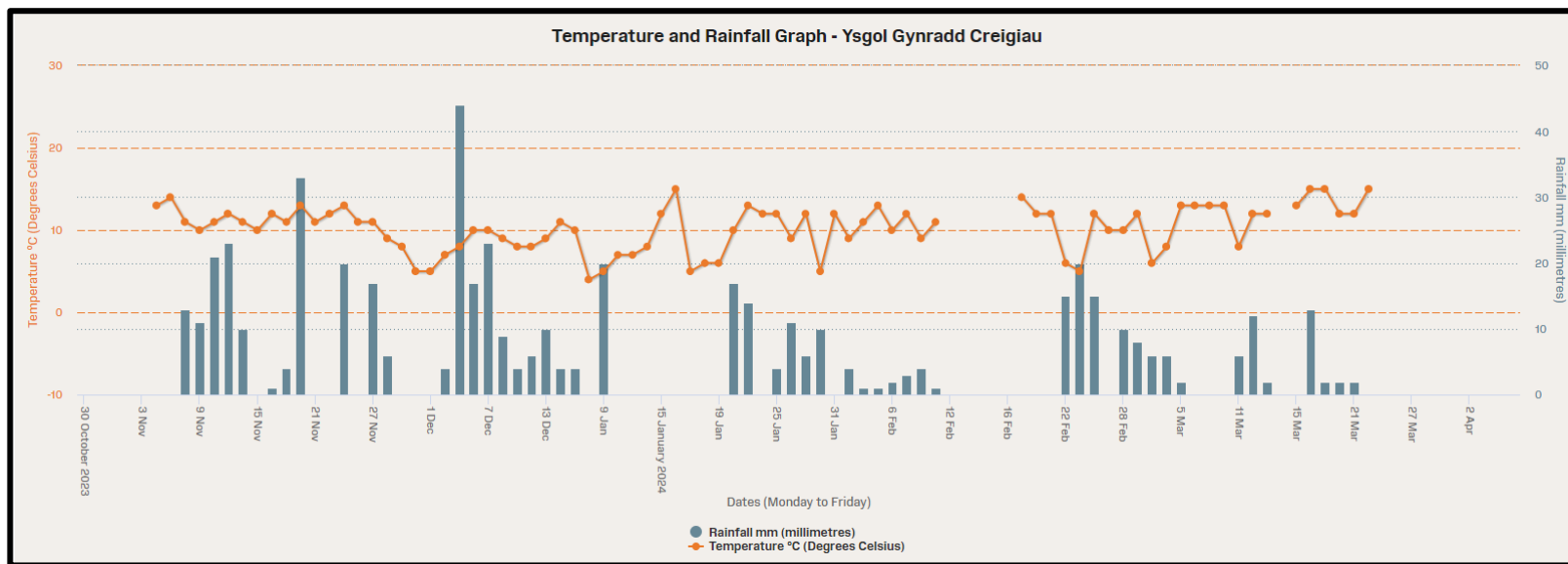


We continue to work in partnership with The Edina Trust who provide funding and support for the project and have extended its reach to include schools in England, Scotland and Northern Ireland!

**7,595 pupils took part this year!**

Participating schools planted daffodil and crocus bulbs in October and took weather readings from November to March. They entered their weekly weather records and the flowering dates and heights of their plants to the Amgueddfa Cymru - National Museum Wales website.

The table below shows the rainfall and temperature recorded by Creigiau Primary School from November 2023 to March 2024.



# The long-term study...

Our climate and seasons are changing. Over the next 10-20 years (and hopefully longer) we want school scientists to show how climate change is affecting flowering dates for spring bulbs.

In the short term there is plenty for schools to study. This project is aimed at years 3 to 6 and draws on numeracy, literacy and digital skills. The project compliments elements of the national curriculum for Science, Geography, Maths, Art and ICT. It also supports the four purposes of the Curriculum for Wales by inspiring pupils to be confident, creative, ambitious and ethically informed.

Educational resources are available on the project website:

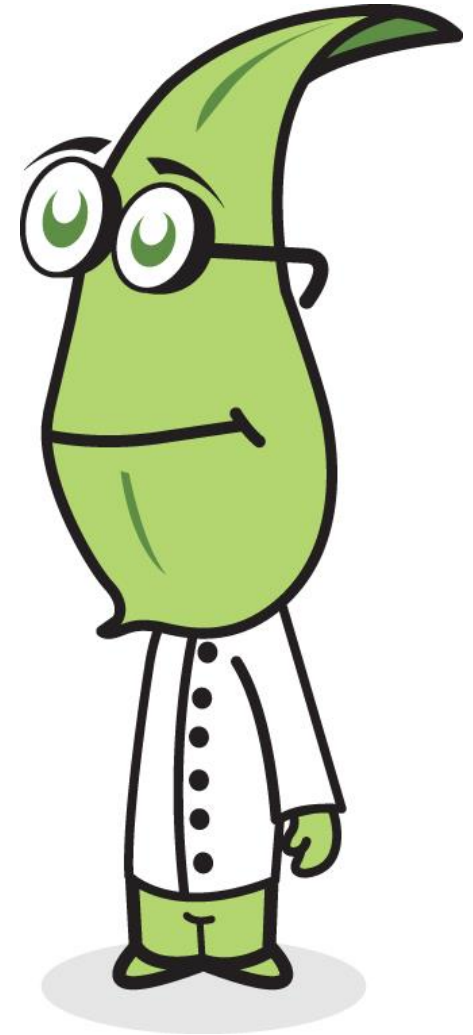
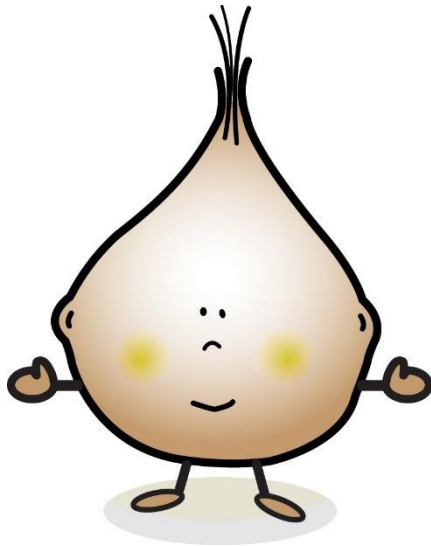
[Spring bulbs for schools \(museum.wales\)](http://museum.wales)



# Huge thanks

Professor Plant and Baby Bulb would like to thank all the school scientists that kept and shared their records with us this year.

You are all Super Scientists!



# Contributors

## Cymru / Wales:

Alaw Primary  
Bryn Celyn Primary  
Ffynnon Taf Primary  
Glyncoed Primary  
Hafod y Wern Community  
Primary  
Johnston C.P. School

## Yr Alban / Scotland:

Fordbank Primary  
Meldrum Primary  
St Conval's Primary  
St Cuthbert's Primary  
St John Ogilvie Primary  
St Patrick's Primary - Troon  
St Vincent's Primary

## Lloegr / England:

Childwall C of E Primary School  
Cronton CE Primary School  
Grange Primary School  
Marton Primary Academy and Nursery  
Roby Park Primary School  
Shireland Technology Primary School  
St Kentigern's Primary School  
St Paul's C of E Academy  
Summerhill Primary Academy

## Gogledd Iwerddon/ Northern Ireland:

St Paul's Primary School  
Willowbridge Special School

To be awarded certificates and pencils.



# Super Scientists

## Cymru / Wales:

Albert Primary  
Blaendulais Primary  
Creigiau Primary  
Eveswell Primary  
Hay on Wye CP School  
Mount Street Junior School  
Neyland Community School  
NPTC Newtown College  
Pembroke Dock School  
St. Mary's CiW School  
St. Michael's RC Primary  
Trelai Primary  
Waldo Williams Primary  
YGG Bronllwyn  
Ysgol Deiniol  
Ysgol Glan Morfa

## Lloegr / England:

Halsnead Primary  
Hamstead Junior School  
Northwood Primary  
Old Park Primary  
Phoenix Primary  
Prescot Primary  
Rowley Hall Primary  
Temple Meadow Primary  
Waterloo Primary

## Gogledd Iwerddon/ Northern Ireland:

Grange Primary  
St Mary's Primary  
St Mary's Primary

## Yr Alban / Scotland:

Alloway Primary  
Bishopton Primary  
Elmvale Primary  
Leslie Primary  
Livingston Village Primary  
Lochwinnoch Primary  
Logan Primary  
Our Lady and St Francis  
Our Lady of Peace  
Underbank Primary  
Windyknowe Primary

To be awarded certificates, pencils and seeds.

# Highly Commended

## Cymru / Wales:

Bedlinog Community Primary  
Churchstoke CP School  
Forden CiW Primary  
Hafod Primary  
Henllys CiW Primary  
Llanfaes CP School  
Peterston Super Ely CiW  
Pil Primary  
Raglan VC CiW Primary  
Rhayader Primary  
Upper Rhymney Primary  
Ysgol Bryn Pennant  
Ysgol Casmael (Sir Benfro)  
Ysgol Gymraeg Aberystwyth  
Ysgol Gymraeg Dewi Sant  
Ysgol Gynradd Llandegfan  
Ysgol Tir Morfa

## Lloegr / England:

St Anne's Catholic Primary  
Stanford in the Vale Primary  
Anchorsholme Academy  
Fleet Wood Lane Primary  
Sylvester Primary Academy  
St Kentigern's Primary

## Gogledd Iwerddon/

## Northern Ireland:

Carrick Primary  
Clonalig Primary  
St John's Primary  
St Mary's Primary  
St Peter Primary  
St Teresa's Primary  
Tandragee Primary

## Yr Alban / Scotland:

Abbey Primary  
Blacklands Primary  
Clare Primary  
Cortamlet Primary  
Cuthbertson Primary  
Doonfoot Primary  
Kirkhill Primary  
Kirkmichael Primary  
Langbank Primary  
Milton Primary  
Newmains Primary  
Newton Primary  
St Peter's Primary  
Whattriggs Primary

To be awarded certificates, pencils and seeds.

# Special Recognition

## Cymru / Wales:

Ysgol Gymraeg Tonyrefail

Ysgol Pennant

Ysgol San Sior

Ysgol Tycroes

## Lloegr / England:

Fleet Wood Lane Primary

Stanford in the Vale

## Gogledd Iwerddon / Northern Ireland:

Irvinestown Primary School

St Joseph and St James's Primary

St Patrick's Primary School – Eskra

To be awarded certificates, pencils and seeds.

# Runners up

**Cymru / Wales:  
Cornist Park C.P**

**Gogledd Iwerddon / Northern Ireland:  
Sacred Heart Primary School**

**Lloegr / England:  
Roseacre Primary Academy**

**Yr Alban / Scotland:  
Our Lady's RC Primary**

To receive certificates, pencils, seeds and a class prize.

# Winners

**Cymru / Wales:  
St. Mary's CiW Primary**

**Gogledd Iwerddon / Northern Ireland:  
Portadown Integrated Primary**

**Lloegr / England:  
Our Lady of the Assumption Catholic Primary**

**Yr Alban / Scotland:  
Gavinburn Primary School**

To receive certificates, pencils, seeds and a prize for the class.



# UK & Wales Data



- Schools in Wales have been collecting data since 2005.
- Schools in England and Scotland have been collecting data since 2011.
- Schools in Northern Ireland have been collecting data since 2017.
- We have produced two summary reports. The first looks at data collected from across the UK 2011-2024 and compares readings from England, Scotland, Northern Ireland and Wales. The second looks at data collected from Wales 2005-2024.

# Download the results yourself to...

- ▶ Make graphs and frequency charts to calculate the mean.
- ▶ See if flowers opened later in schools that recorded colder weather.
- ▶ See how temperature, sunshine and rainfall affect average flowering dates.
- ▶ Look for trends between different locations.

Visit:

[Spring bulbs for schools \(museu.wales\)](http://museu.wales)



# Digital Resources

Visit the [Spring Bulbs for Schools website](#) and [The Edina Trust website](#) for an array of teaching resources relating to the project.

[Amgueddfa Cymru - National Museum Wales](#) have digital resources that relate to collections across their seven Museums. Schools in Wales can also access resources on the [Hwb website](#).

The above pages all have links to our Kahoot quizzes!

# Kahoot!

