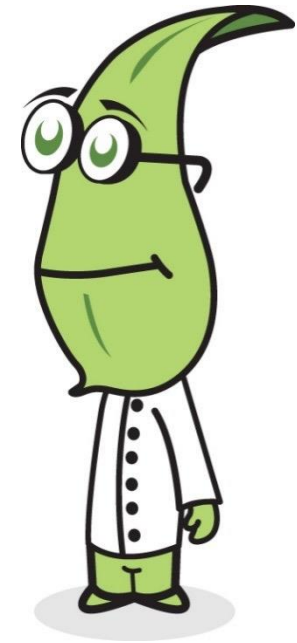


Introduction to the Spring Bulbs for Schools Report



**AMGUEDDFA
CYMRU**

**Edina
Trust**

Bulb Project

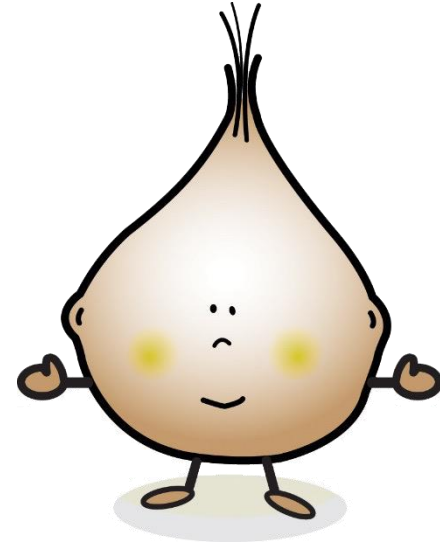


Noddir gan
Lywodraeth Cymru
Sponsored by
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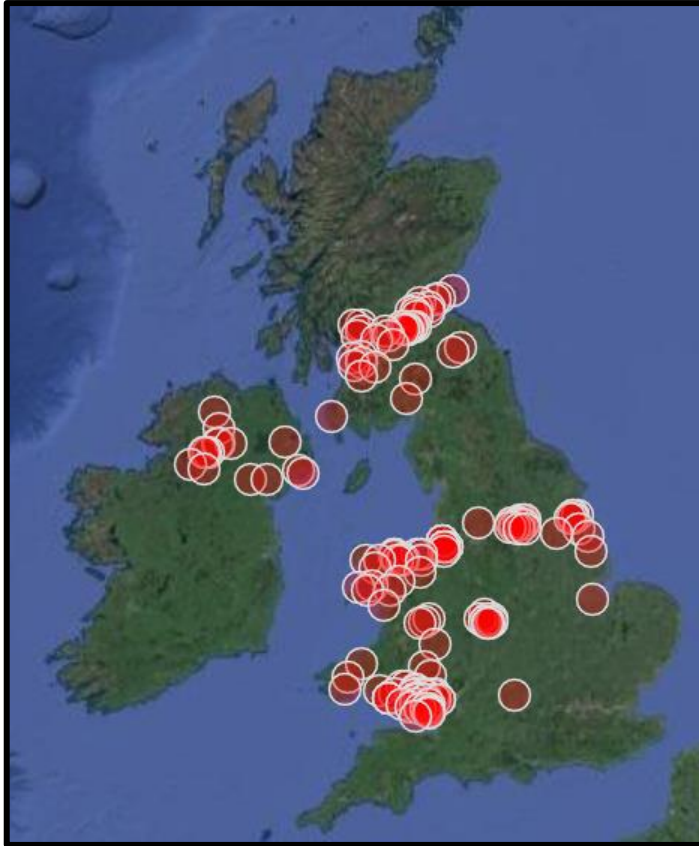
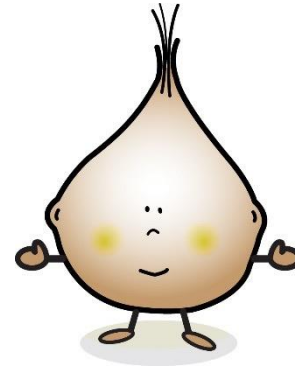


The investigation...

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

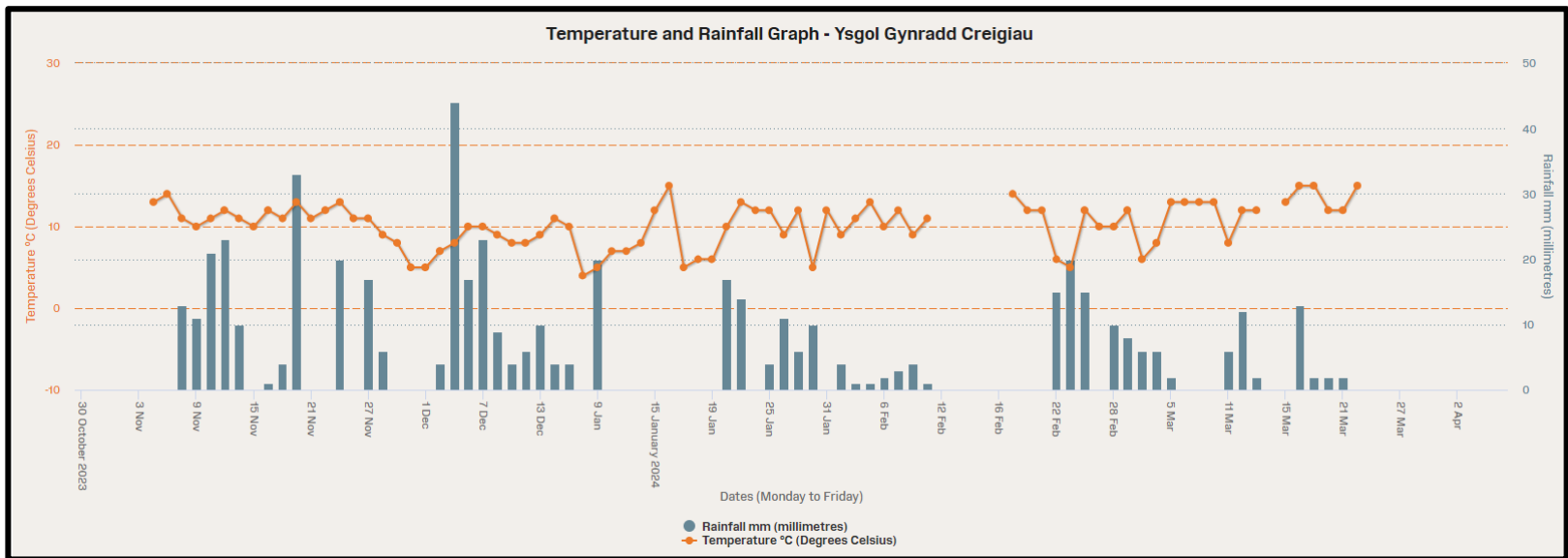


We continue to work in partnership with The Edina Trust who provide funding and support for the project and have extended its reach to include schools in England, Scotland and Northern Ireland!

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:

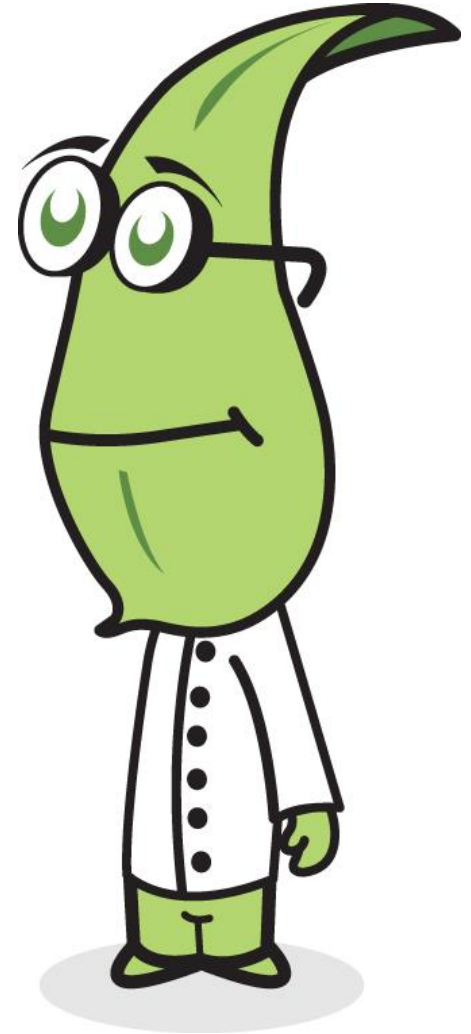
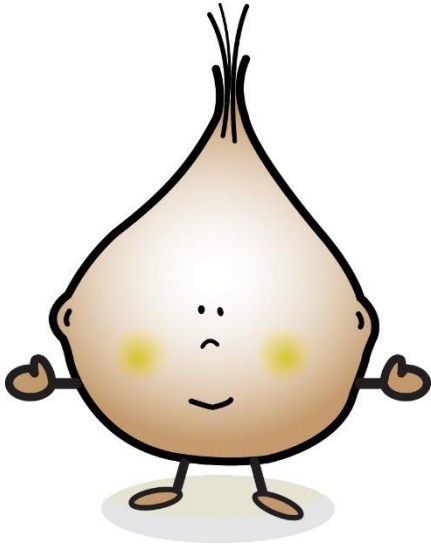
[Spring bulbs for schools \(museum.wales\)](http://museum.wales)



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
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 \(museum.wales\)](http://museum.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!

