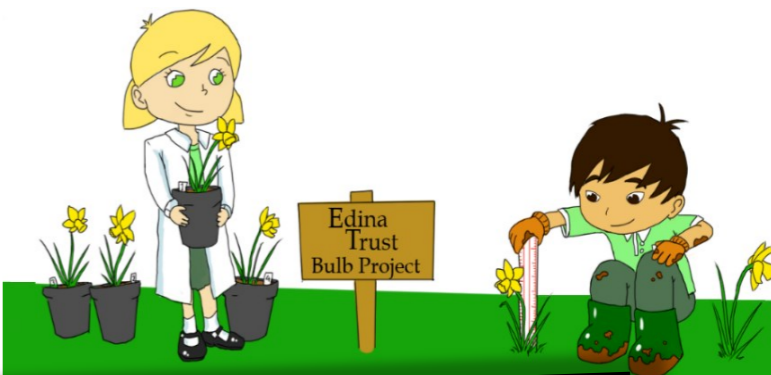


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Bulb Project



Hypotheses:

1. Schools that record higher temperatures will have the earliest flowering daffodils. The effect of temperature will be more pronounced with the daffodils in pots compared to those in the ground.
2. Schools that record more daily rainfall during the Bulb Project will have the earliest flowering daffodils.
3. On average, daffodils in pots will flower before those planted in the ground.
4. Schools in the area with the highest temperature will record taller daffodil flowering heights.
5. Schools in the area with the highest level of rainfall will record taller daffodil flowering heights.

Can you think of your own hypothesis to add? How would you test it?

Don't forget to try the Bulb Project Board Game included with the resources – it's a fun way to discuss the different factors that could affect the growth of your bulbs.



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AMGUEDDFA
CYMRU

Bulb Plot Adoption Certificate

This is to certify that

have promised to:

- * plant their bulbs in pots and in the ground on Planting Day,
- * take daily weather recordings,
- * record the flowering dates and heights of their spring bulbs,
- * share their weather recordings on the National Museum Wales website regularly, and upload the flowering dates and heights in spring,
- * and to look after their bulbs.

Signed: _____

Method:

1. Bulbs to be planted on Planting Day – **20th October** (or as close to this date as possible). Plant daffodils and crocuses in pots, plus an additional 20 daffodils in the ground. The mystery bulbs can be planted in a pot or in the ground.
2. Starting from **1st November**, take the temperature and rainfall each school day.
3. Submit the data on the National Museum Wales website regularly.
<https://museum.wales/spring-bulbs/>
4. When the flowers open in spring, record the flowering dates on the website as well. Also record any flowers that do not open.

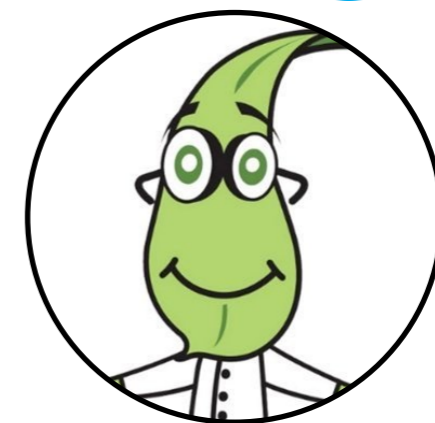


Results:

1. This is a 'live' science investigation – so we don't know what will happen until we receive data from schools.
2. An analysis of the data will be shared in May. This will include a PowerPoint presentation as well as Kahoot Challenge quizzes.
3. You can find results from previous years on the Edina Trust website – www.edinatrust.org.uk/bp-results



Share your photos on Twitter!



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