

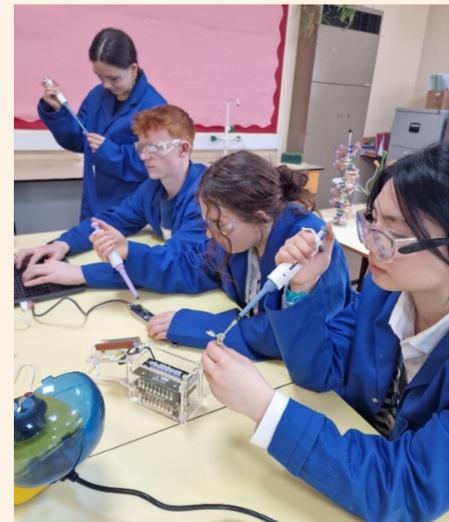


Are all daffodils the same?

Legacy of the project

Student impact

The lasting legacy of the Daffodil DNA project is the impact on the students involved and the experience of working closely with a STEM partner. For schools, the opportunity to use cutting-edge equipment greatly benefits the teaching of gene technology. Having established a good working relationship with our STEM partner from Sellafield Ltd., there is the possibility to develop projects in the future. We plan to run the Daffodil DNA project again next year, where the original students could become student STEM 'partners' sharing their skills with the next generation of young daffodil scientists.



DNA Sequencing preparation



Chloroplast DNA extraction and isolation

Wider legacy

The wider legacy in school includes raising the profile of biology, upskilling staff and inspiring students with the opportunity to contribute to science and possibly even being published on a scientific paper. The establishment of a Daffodil DNA community allows collaboration between schools from Jersey to Orkney. This is possible due to the regular meetings hosted by the University of Dundee. On a larger scale, there is the global impact through the sharing of the project in New York and a similar programme now running in South Africa.