



# Cheam High School

Royal Horticultural Society

## Are all daffodils the same?

### Development of student skills

#### What has been the impact on student scientific identity from taking part in this research?

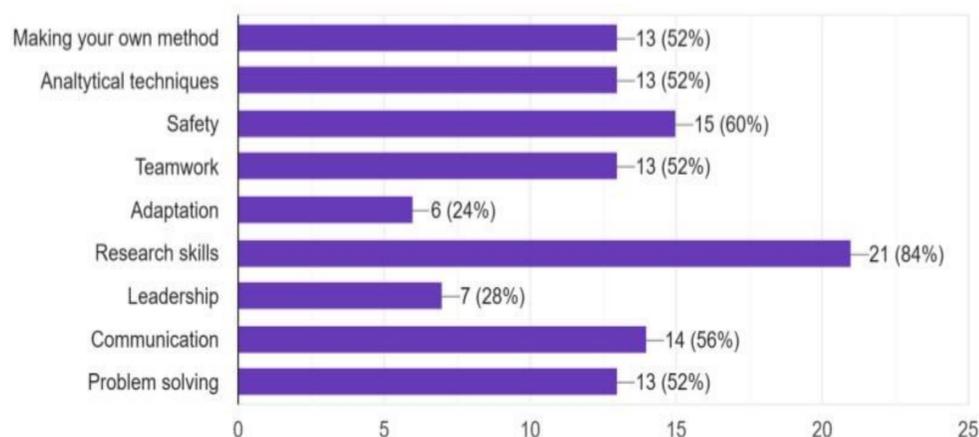
Students have noticeably improved their confidence in laboratory procedures, developed science capital and gained interest in research. Additionally, they have developed the following skills:

- DNA extraction, Nanopore sequencing, PCR & thermocycling techniques
- Communication and teamwork
- Problem solving and analytical skills
- Budget management
- Resource development skills



#### What skills have you learned from practicals?

25 responses



#### Why is it important to do practical science in schools?

It is essential for bridging the gap between theory and real-world application and does so by building skills like critical thinking, analysis and problem solving. Most importantly, 92% of our students said they enjoy the subject more if there is a practical element.