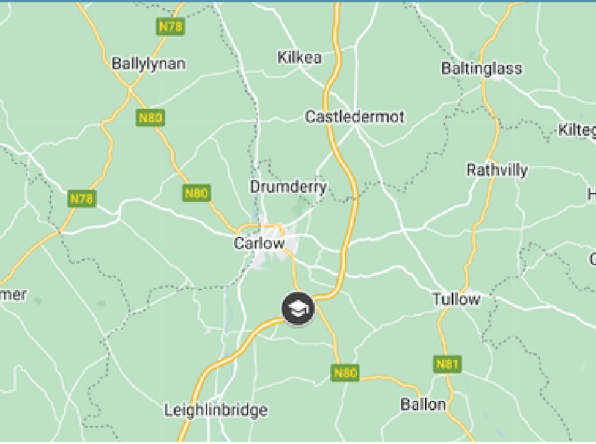


Fantastic DNA in a Box Roadshow 2022

Schools visited by the SETU Carlow team



on campus

18
Children

1
School

Gender break down of children feedback
50% boys
50% girls

7
Volunteer Explainers

1
in person session (on campus)

1
Box

18
Children feedback forms

1
Teacher feedback forms

Children understood the experiment and could follow the steps easily

The session was well organised



I understood the FDNA videos/presentation



I could follow the steps easily



I understood each step of the experiment



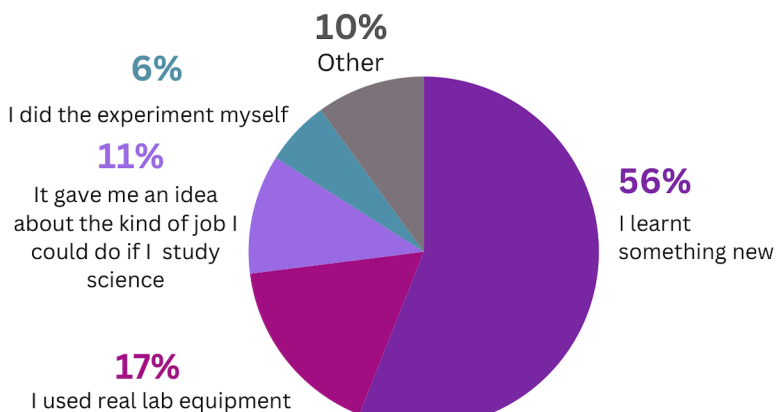
My teacher was helpful



0 20 40 60 80 100
Percentage of total responses (N=18)

Strongly agree Agree Neither Disagree Strongly disagree No response

What did you like best and why?



Percentage of total responses (15 responses from 18 participants)

Why did you like that best?

Science is very interesting and I like doing experiments

Girl, age 11

I got to work with actual scientists

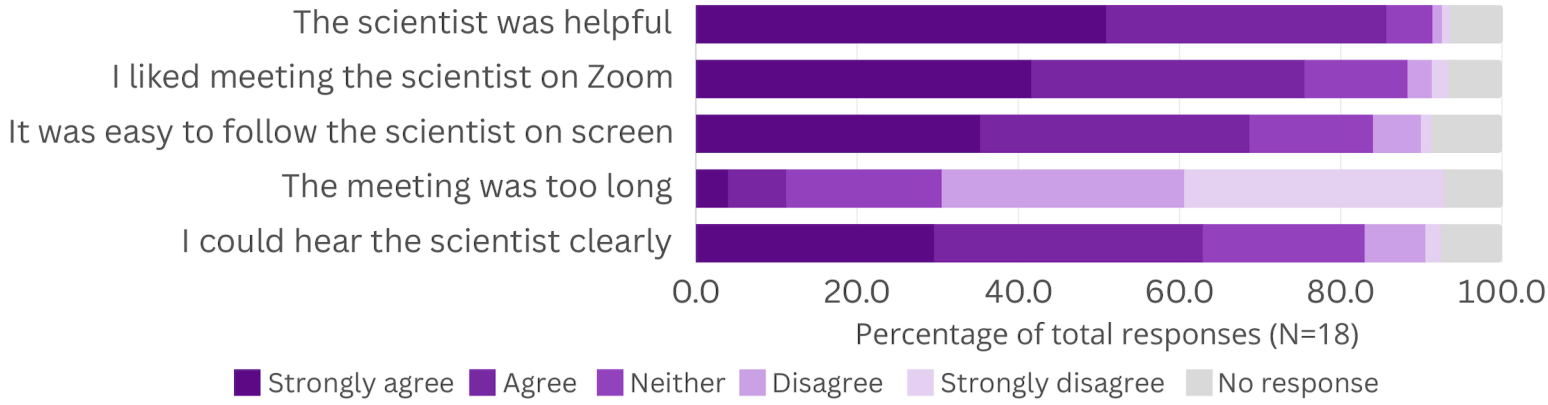
Girl, age 11

It was fun and I didn't know that bananas have DNA

Boy, age 10



Young people enjoyed meeting the scientists

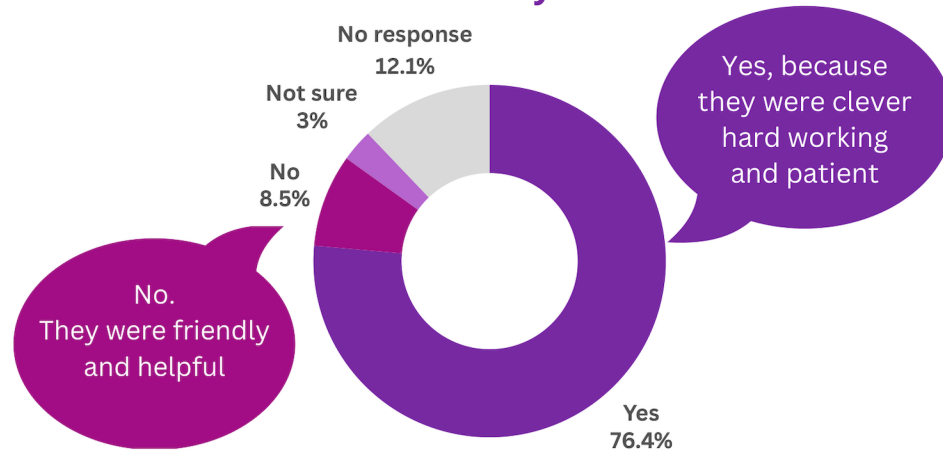


Top 3 words used to describe a scientist BEFORE



(Total words used N=64)

Were the Cell EXPLORERS scientists like the words you chose?

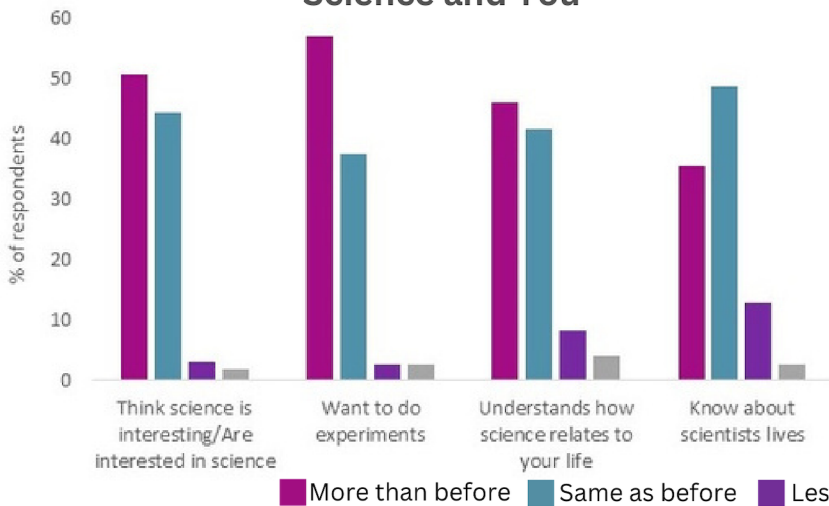


This section presents findings from childrens' feedback from **all** national network visits in 2022 combined (N=601)

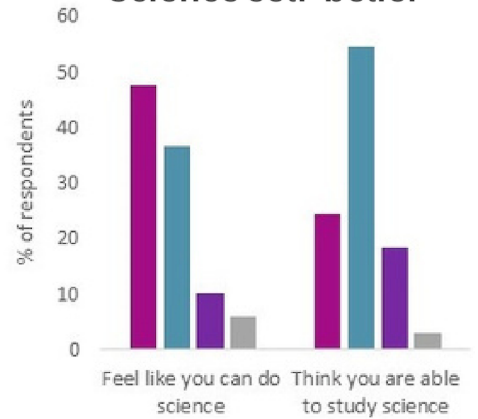
Fantastic DNA in a Box positively contributes towards pupils' science capital



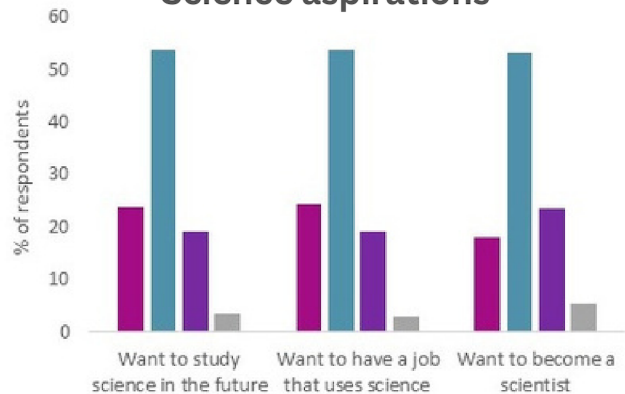
Science and You



Science self-belief

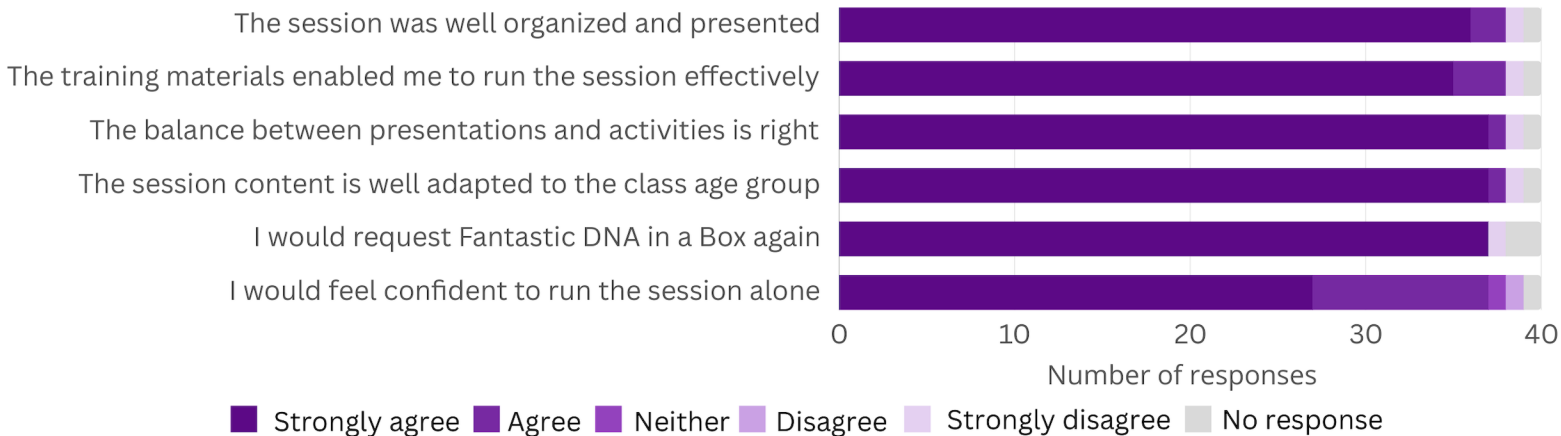


Science aspirations

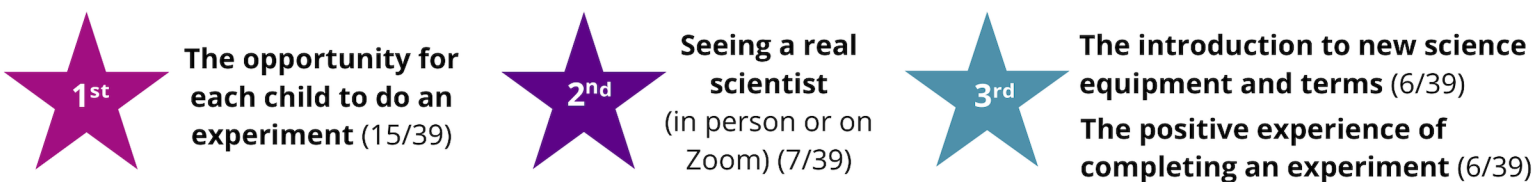


This section presents findings from childrens' feedback from **all** national network visits in 2022 combined (N=911)

Teachers agree with the session content & like the experimental set up



Ranking of the Top aspects of the session (N= 39)



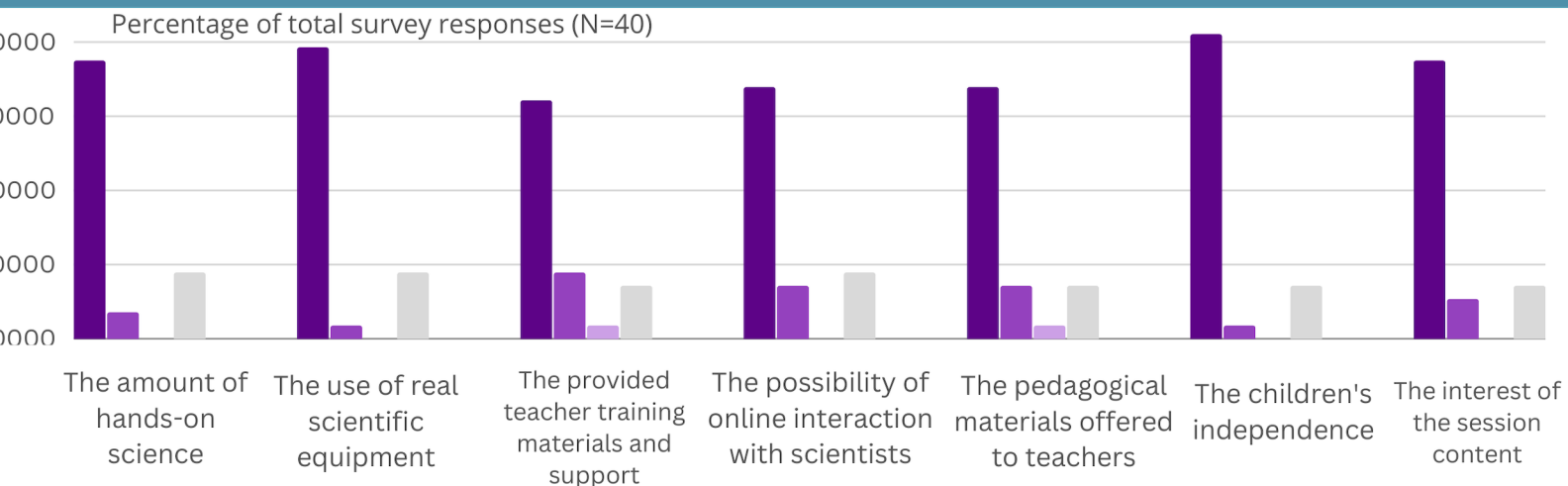
Teachers' comments on perceived impact reflect authenticity of the sessions

6th class teacher, St Matthew's N.S., Co. Galway: "We really loved the live session. The children were really engaged throughout. It was very beneficial to see the scientist complete the steps before the children do it. The Q&A session was lovely also as it broke barriers around the complexity of science"

5th class teacher, Scoil Colmcille, Co. Donegal: "I thought it was great that a past pupil of our school carried out the experiment. This alone was important to show the children that they too can have a future in science"

2nd-3rd secondary school class teacher, Coláiste Cholmcille, Co Galway: "It was excellent, engaging, step by step, easy to follow, students were at ease, interactive"

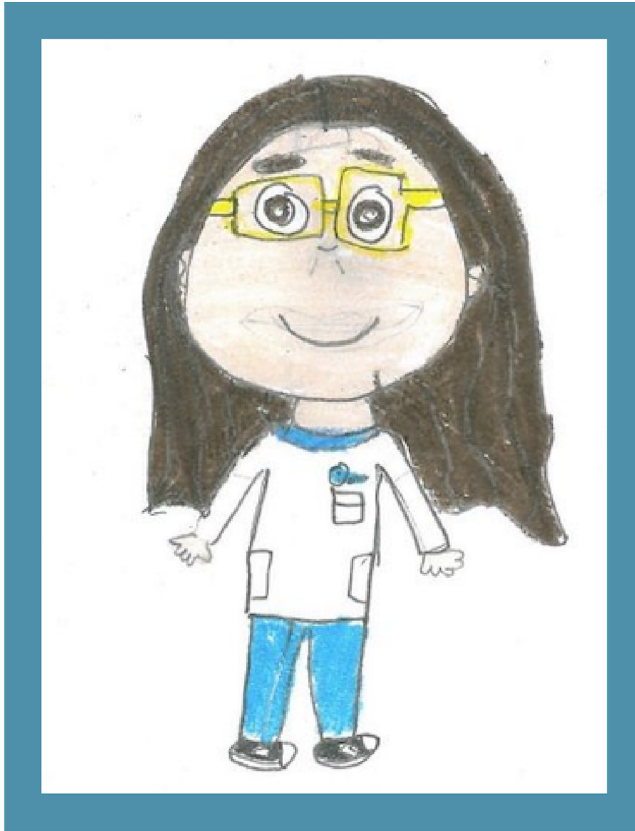
Cell EXPLORERS performs better than other science visitors



Teachers' Comments

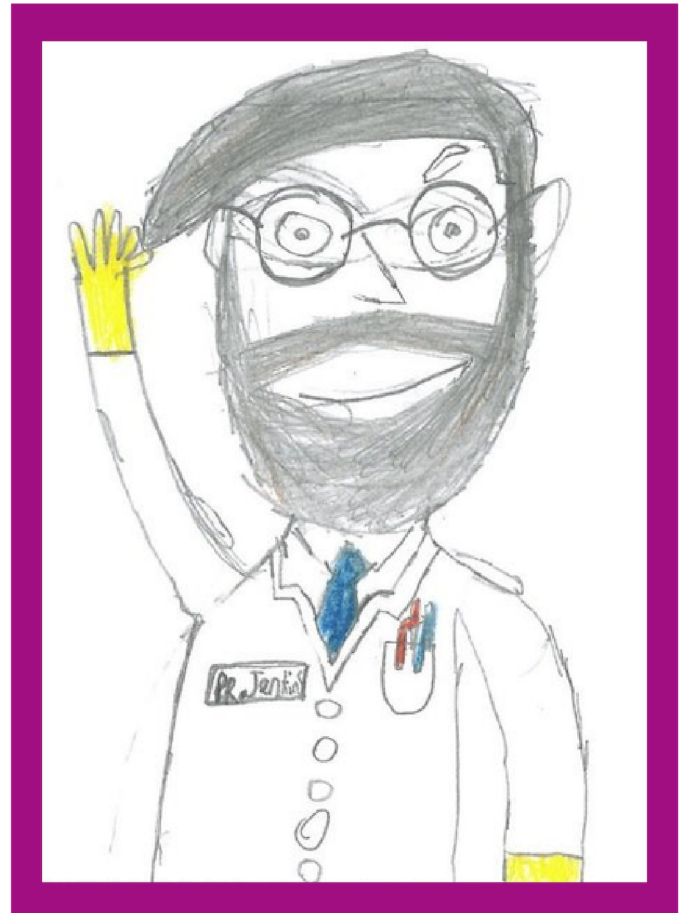
"Absolutely fantastic box and perfectly resourced. Children really enjoyed using the equipment and working as scientist"

"Having all of the resources and items supplied for the day was fantastic. I'd imagine these type of online experiments would be just as enjoyable across a broad range of scientific areas. We would definitely use again."



Mrs Honey

10 years old girl, 5th class,
Tinryland N.S. Carlow



Field Professor Jenkins

10 years old boy, 5th class,
Tinryland N.S. Carlow



Untitled

11 years old girl, 5th class,
Tinryland N.S. Carlow

