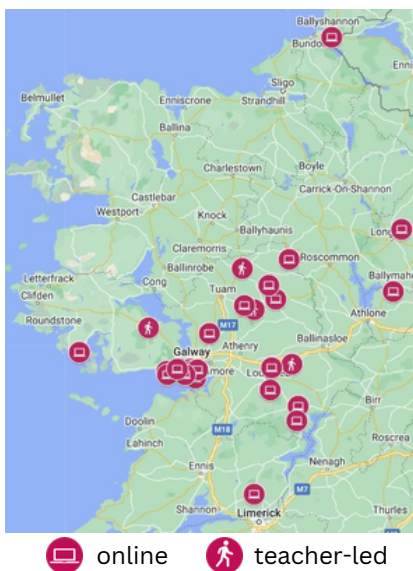


# Fantastic DNA in a Box Roadshow 2022

## Schools visited by the University of Galway team

### School visit locations



**18**  
Volunteer  
Explainers



**849**  
Children



**28**  
Schools



**32**  
Boxes



**27**  
online visits



**5**  
Sessions led  
by teacher



**361**  
Children  
feedback  
forms



Gender break down  
of children feedback  
52% boys  
47% girls  
1% no response



**14**  
Teacher  
feedback  
forms

## Children understood the experiment and could follow the steps easily

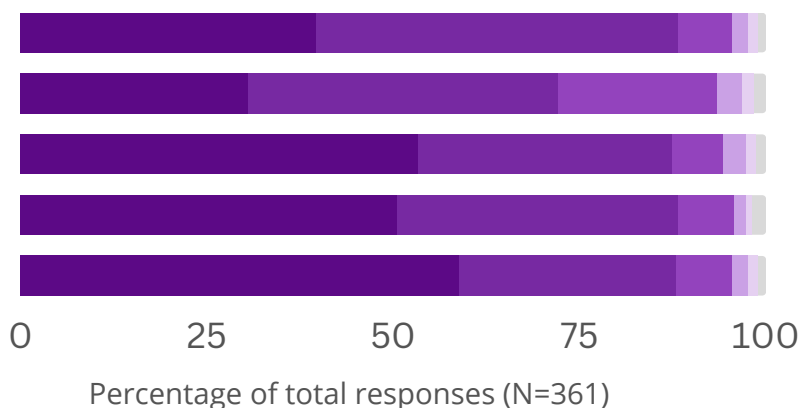
The session was well organised

I understood the FDNA videos/presentation

I could follow the steps easily

I understood each step of the experiment

My teacher was helpful



Strongly agree Agree Neither Disagree Strongly disagree No response

## What did you like best and why?

### Top 3 Answers

I used real laboratory equipment

I learnt something completely new that  
we don't talk about at school

I did the experiment myself

0 5 10 15 20 25

Percentage of total responses  
(361 responses from 352 participants)

### Why did you like that best?

I never got  
to do this  
before and  
I liked  
using the  
real  
science  
equipment

Girl, age 10

We don't use  
laboratory  
equipment in school  
so it was really fun

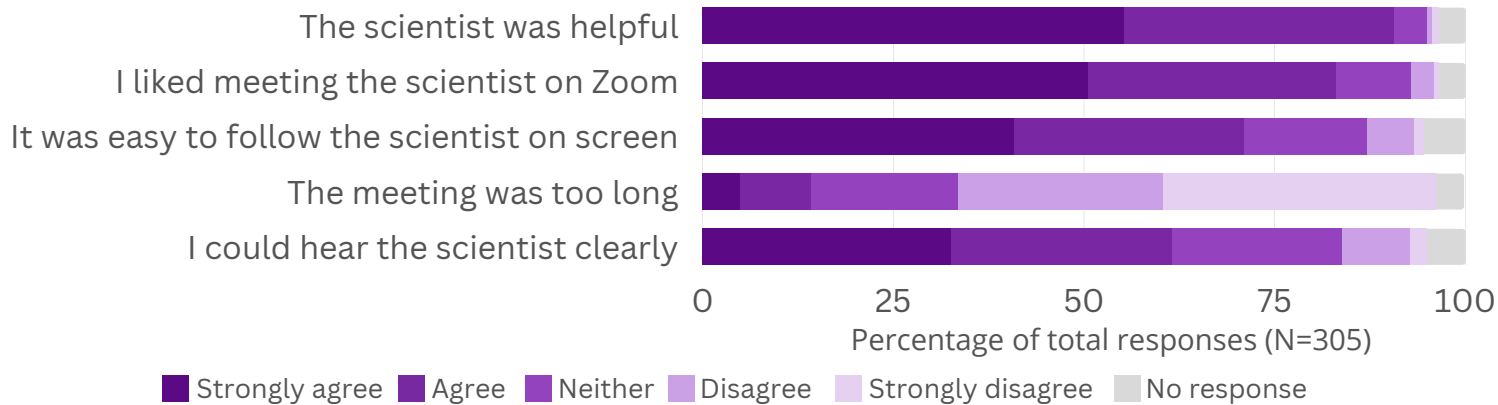
Girl, age 10

I like when I can  
do something  
independently

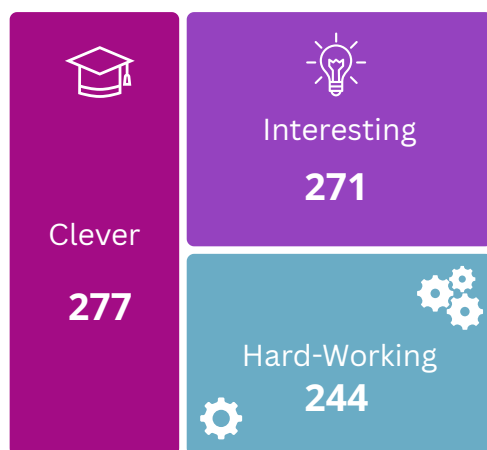
Boy, age 13



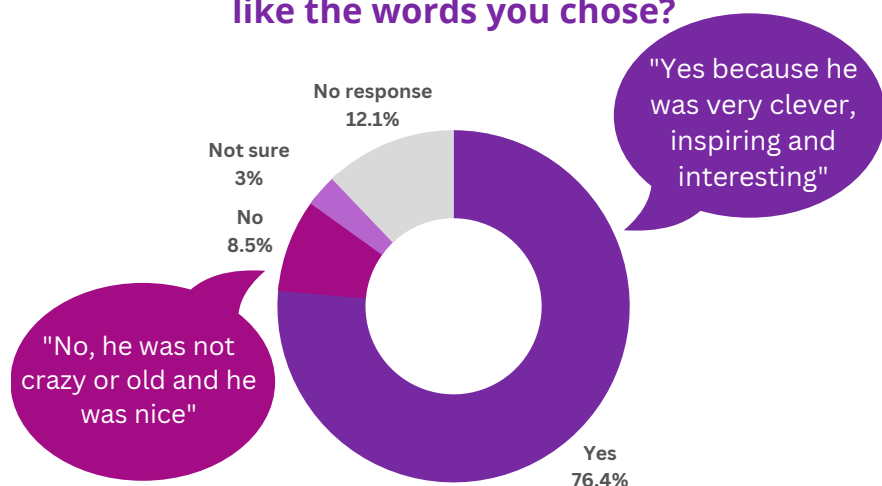
# Young people enjoyed meeting the scientists



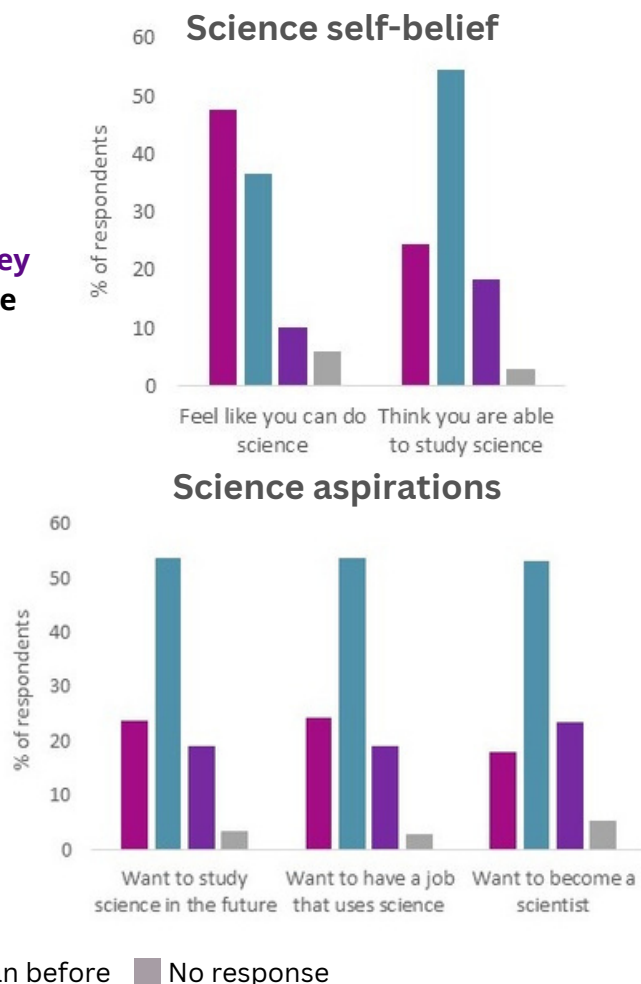
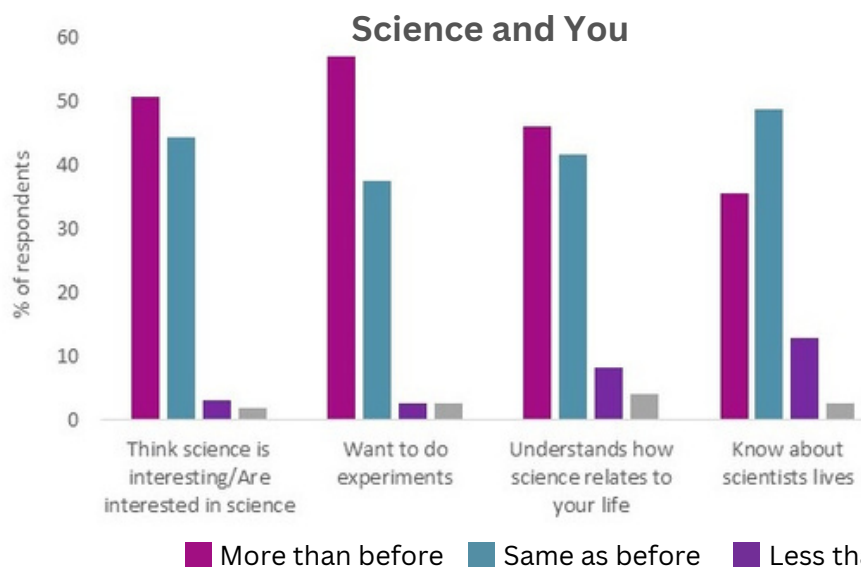
## Top 3 words used to describe a scientist BEFORE



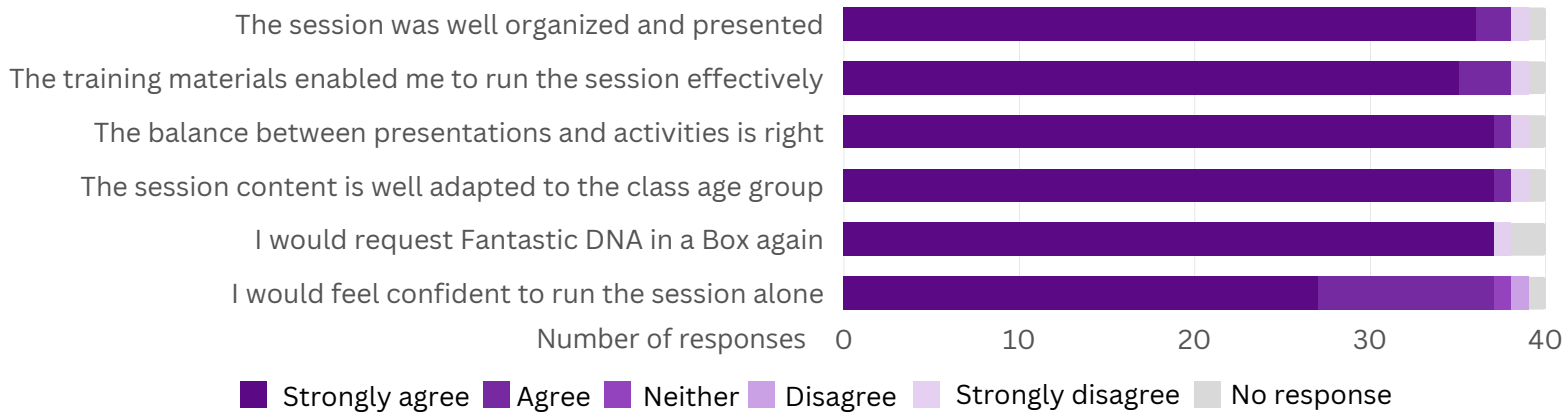
## Were the Cell EXPLORERS scientists like the words you chose?



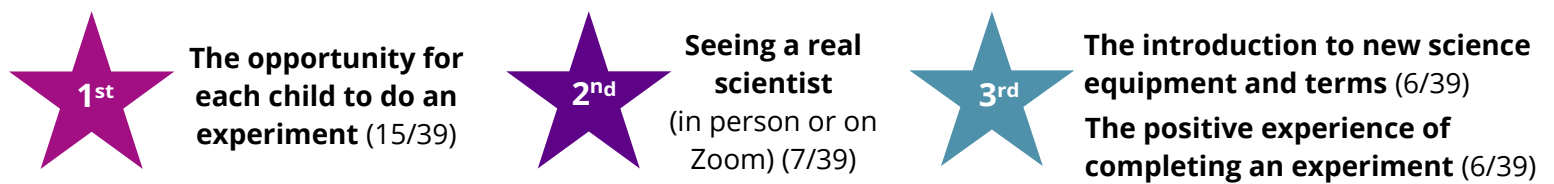
# Fantastic DNA in a Box positively contributes towards pupils' science capital



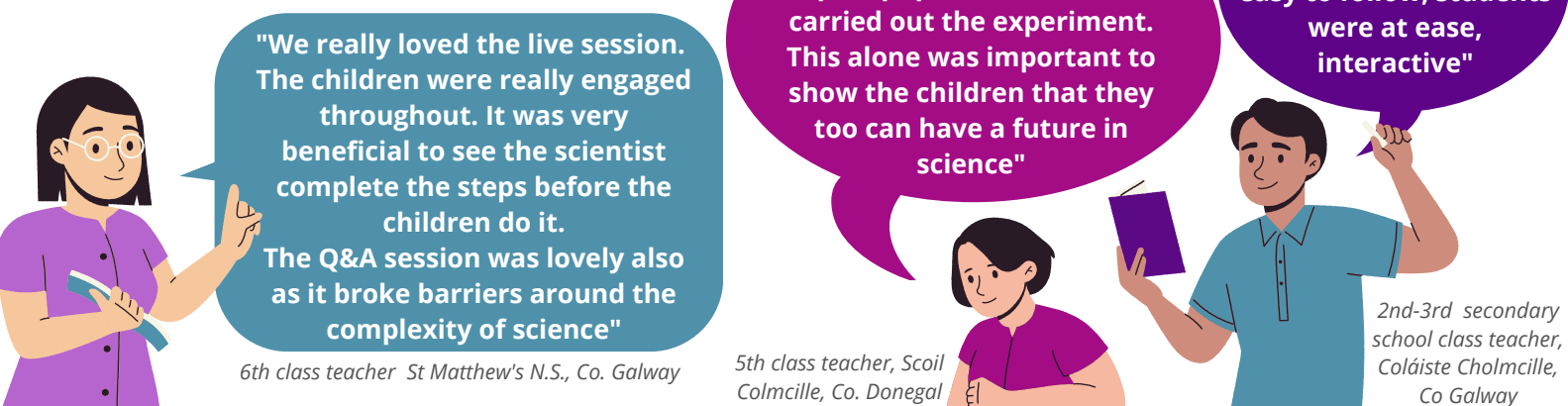
## Teachers agree with the session content & like the experimental set up



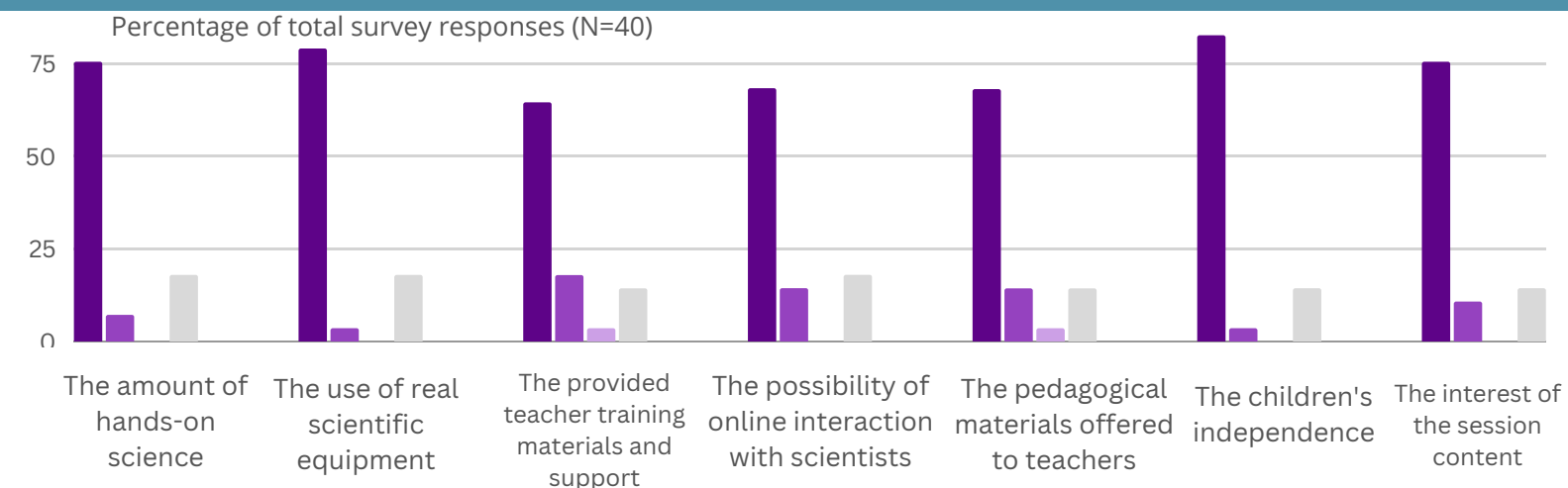
## Ranking of the Top aspects of the session (N= 39)



## Teachers' comments on perceived impact reflect authenticity of the sessions



## 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."

# Children's drawings of scientists



**The Scientist**

11 years old girl, 4th Class, Glinsk N.S.



**Kate and Janic**

11 years old girl, 5th class, Glinsk N.S.



**The Mad Scientist**

10 years old girl, 4th class, Claddagh N.S.

## Some of the University of Galway explainers who delivered the session online



**Rebecca**



**Janic**



**Angeline**



**Jisna**



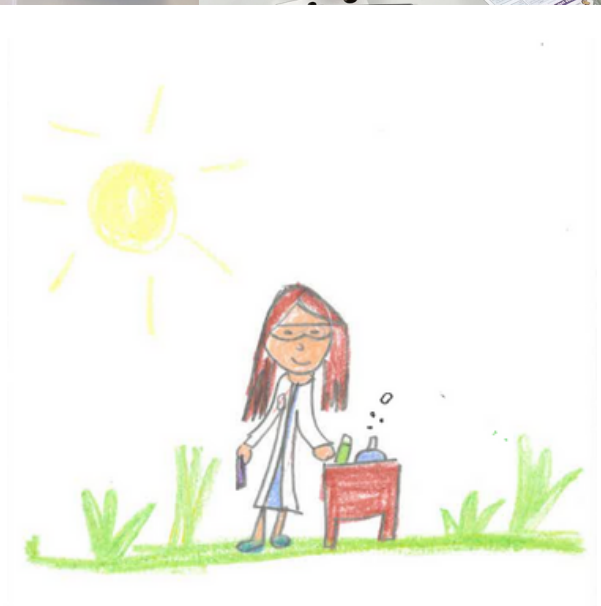
**Paleontologist Gold/ Caleb**

11 years old boy, 5th class  
Bawnmore N.S.



**The Smart Scientist**

9 years old girl, 4th class, Eyrecourt N.S.



**Untitled**

9 years old girl, 3rd class, Glinsk N.S.