

Cell EXPLORERS DkIT Fantastic DNA in a Box 2021

Schools visited by Cell EXPLORERS Dundalk IT (DkIT) team



Map of CE DkIT FDIAB visits 2021



12
Volunteers



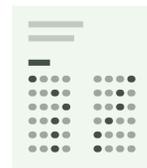
13
Schools



19
Boxes



628
Children



119 School
Children Feedback

Children's feedback about the session

Percentage of total responses (N = 119)

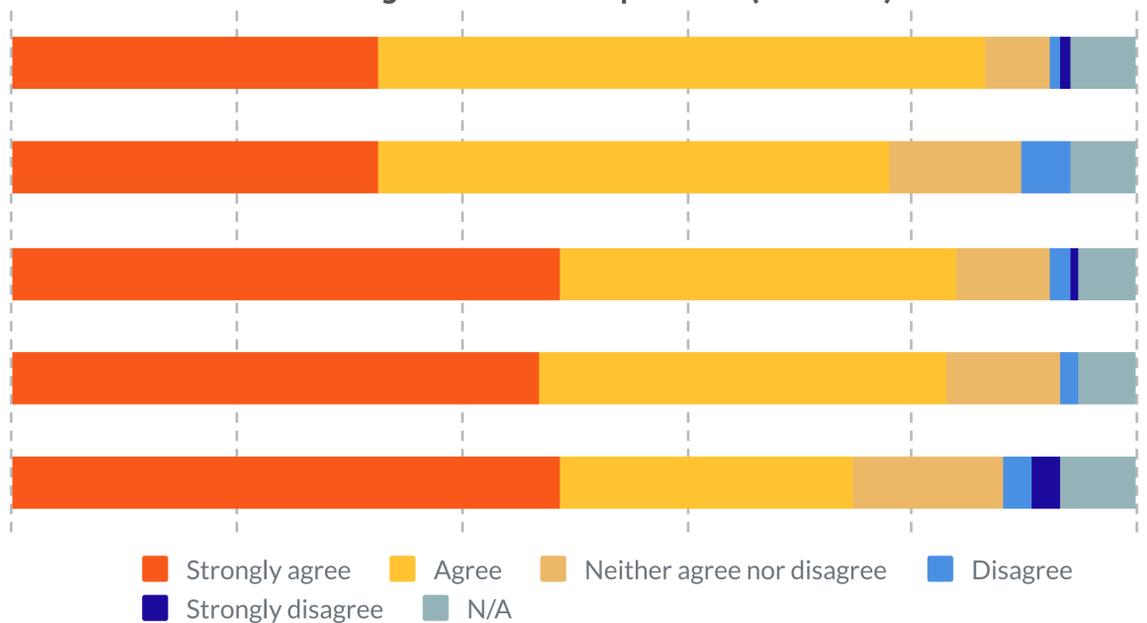
The session was well organised

I understood the FDIAB videos

I could follow the steps easily

I understood each step in the experiment

My teacher was helpful



What did you like BEST? (Top 3 answers)

% Percentage of total responses (124 things chosen by 119 participants)

I did the experiment myself



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



Gave an insight into type of job I could get if I study science



Why did you like that best?

"I felt like a **real scientist** and that made it all the more interesting"

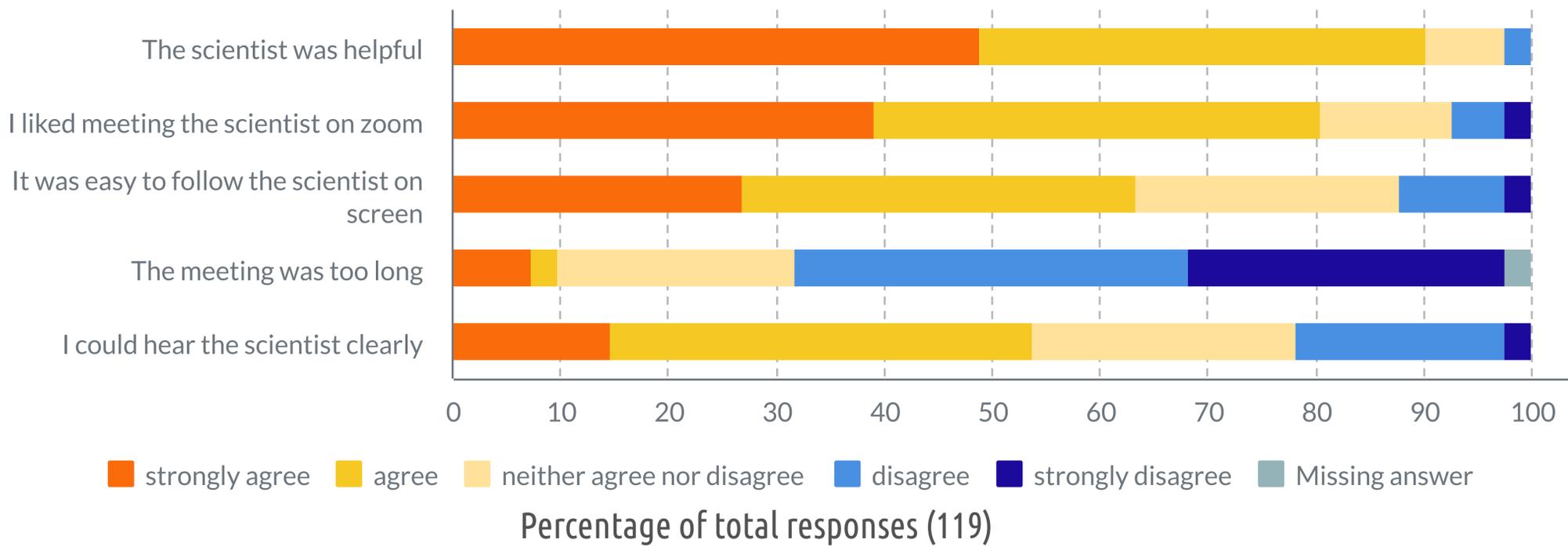
"It is new and DNA is very **interesting**"

"It is fun to do work **independently** because then if you are able to do it **you know you are good at it**"

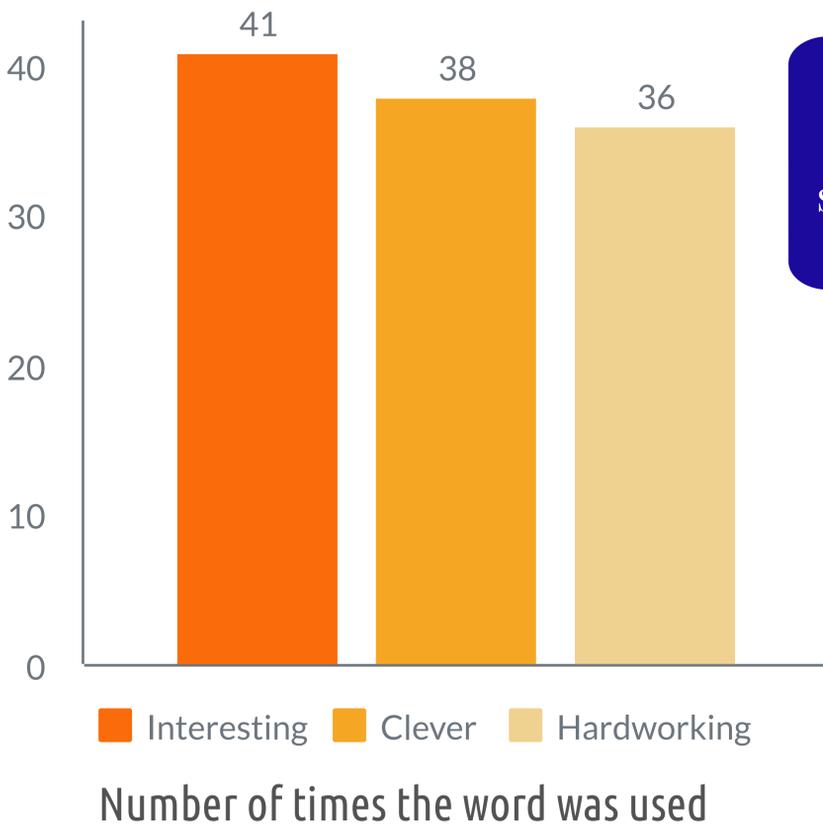
"I got to see what it would be like to work in a **real laboratory**"

Meeting the Cell EXPLORERS scientists

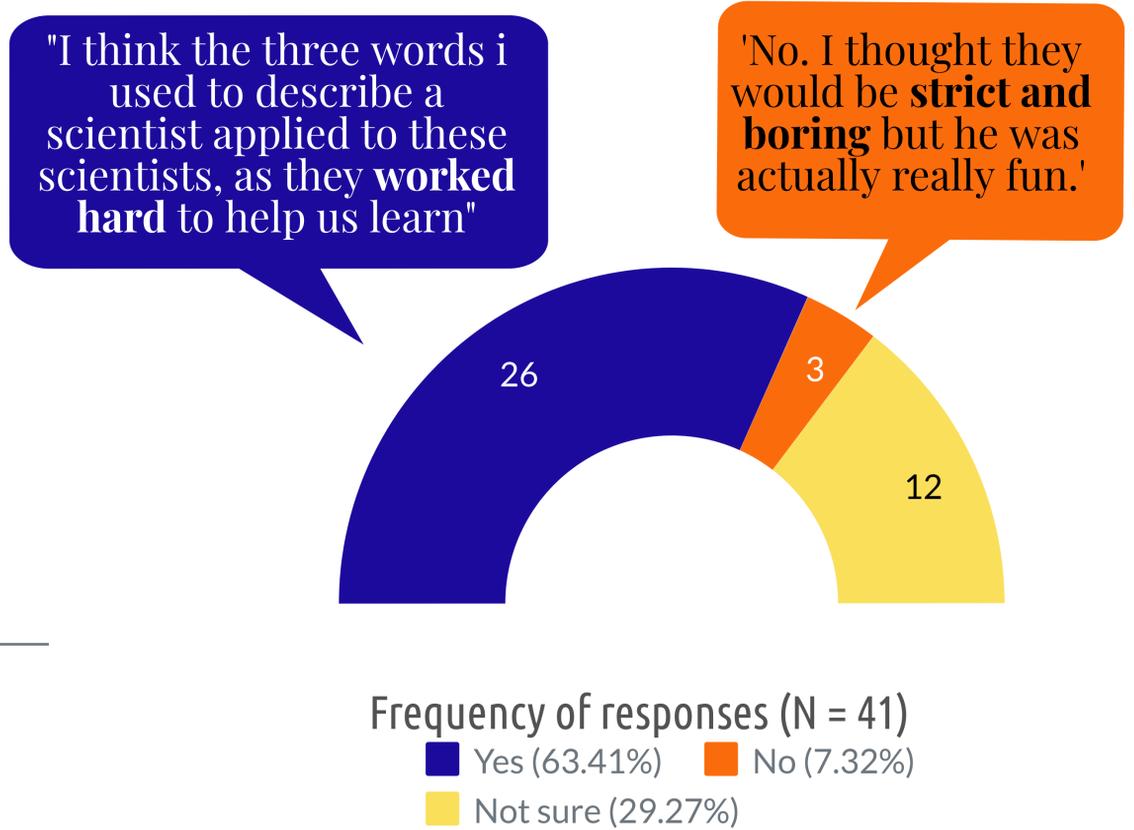
Meeting the Scientists on Zoom was a Positive Experience



Top 3 words used to describe a scientist BEFORE

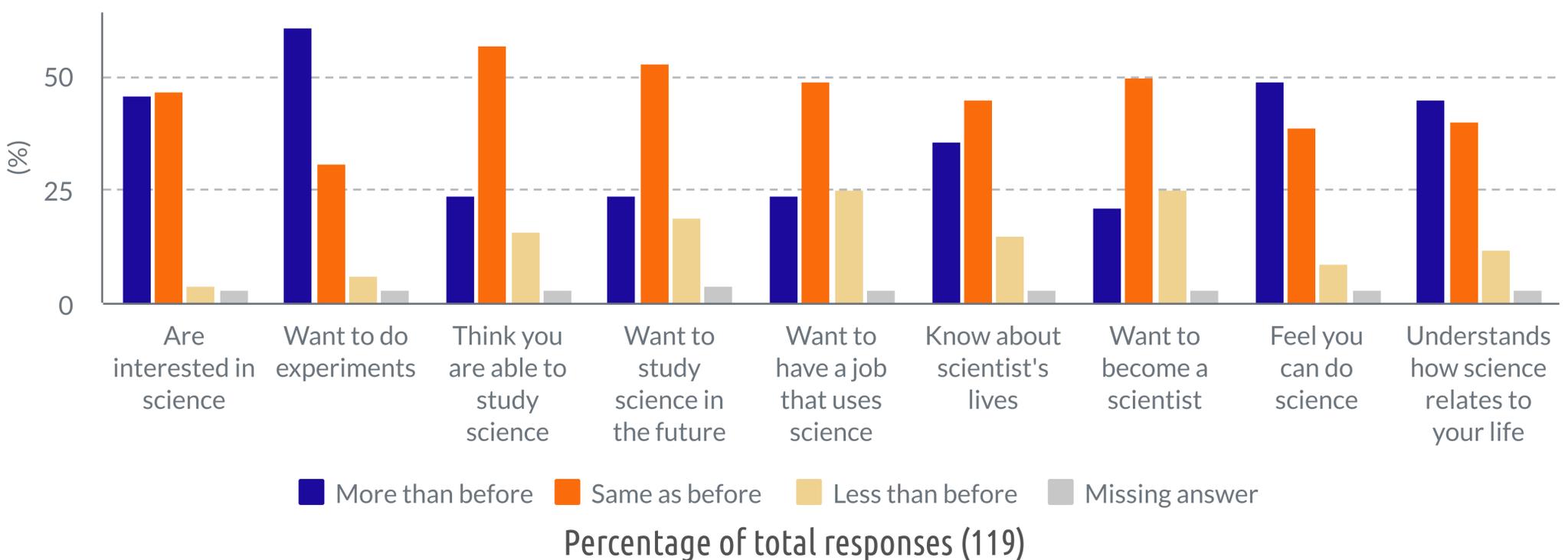


Were the Cell EXPLORERS scientists like the words you chose?



Participating in Fantastic DNA in a Box supports young people's science capital

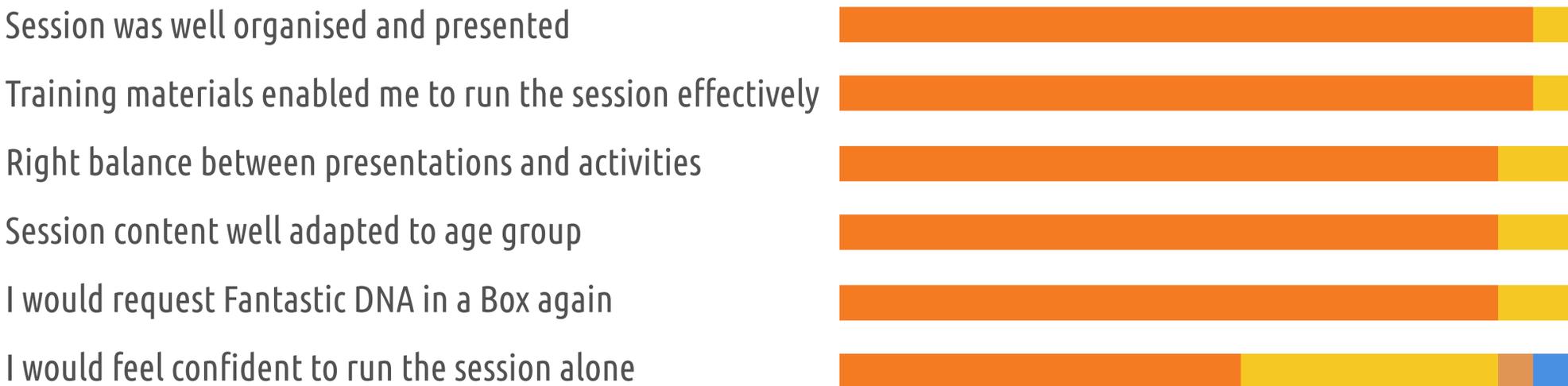
Science and You



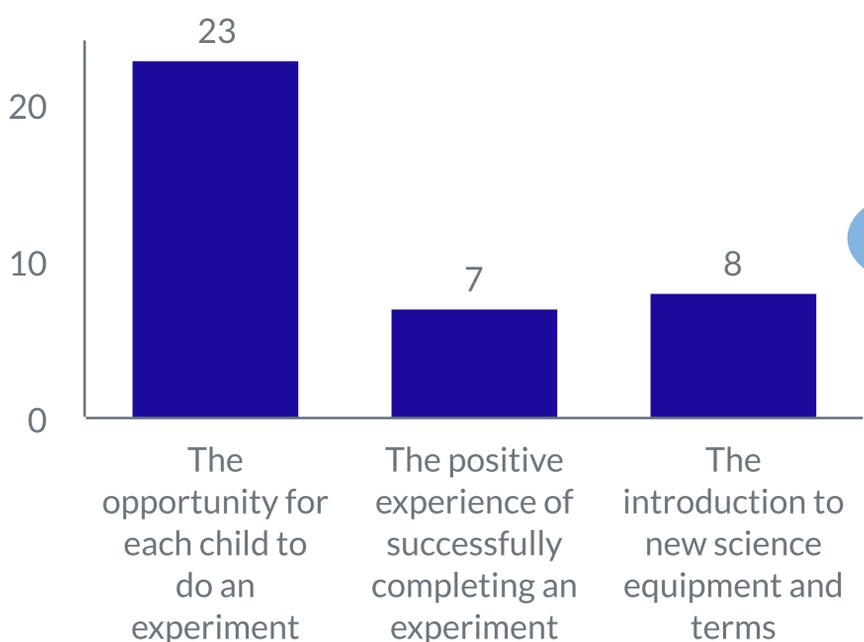
Teachers agree with the session content and like the experimental setup

Teacher feedback from all visits 2021 (23 teachers)

Teachers feedback on the quality of session:



Top 3 Aspects of the Session



Count of teachers (N=23) that ranked aspects 1st, 2nd and 3rd

Strongly agree Agree Neither agree nor disagree Disagree Strongly Disagree

Count of teacher responses from all network visits 2021 (N = 23)

Teacher's comments on perceived impact reflect authenticity of session

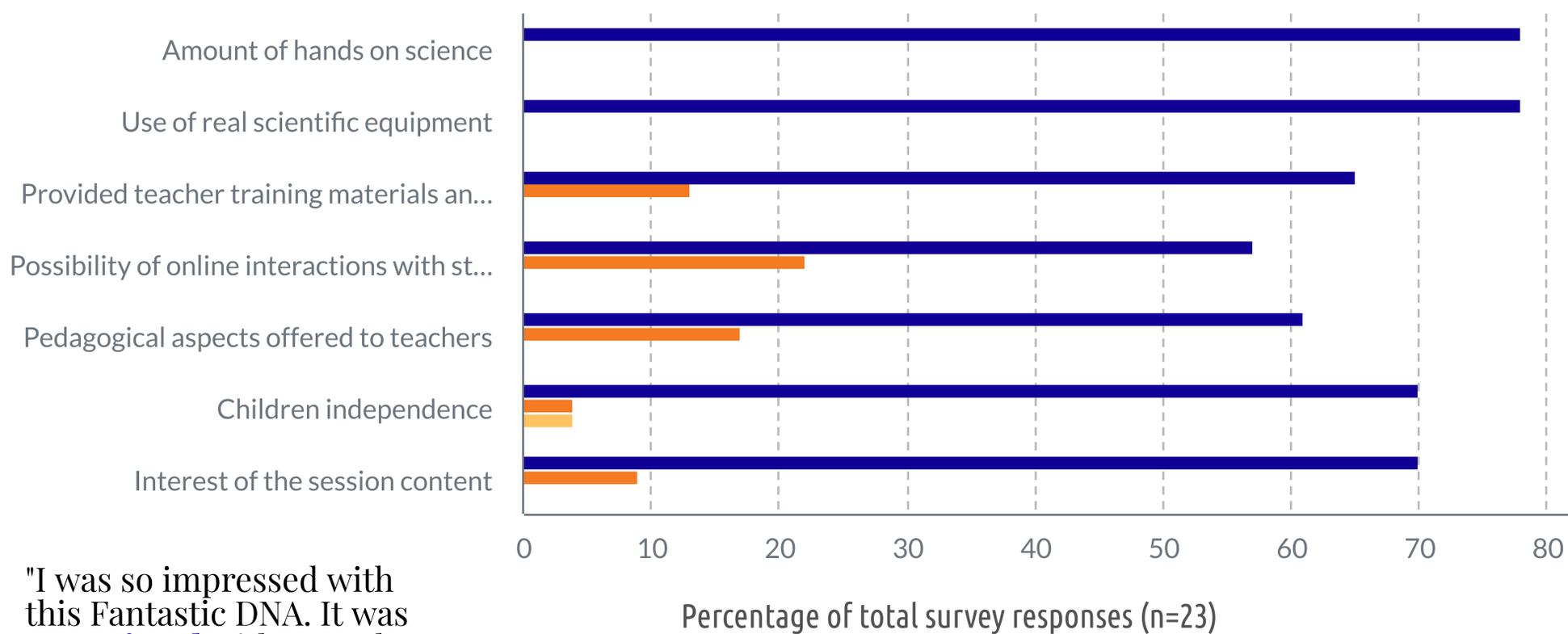
"It helped them see a career in **real science** and experience a real experiment"

"It was novel for them to **"meet" real scientists** and to be able to ask them about their jobs and science in general"

"The class loved **working as "real" scientists**. They would already have a good interest level but this really enhanced it"

According to teachers, Cell EXPLORERS performs better than other science visitors

Better Than Others Same as Others Worse Than Others



"I was so impressed with this Fantastic DNA. It was **exceptional** with regard to the materials supplied as well as the resources and teaching aids that were included"

An excellent session very **professional and well organised**, yet at an appropriate level for primary school children - thank you to all involved!

"The whole experience was such a positive one for myself as class teacher, and for the children alike. **Extremely organised** - wonderful pack, resources, equipment, activity".

Pictures of the DkIT team & children's drawings of Scientists



CE MTU Cork coordinators Suzanne and Caroline packing FDIAB science kits

