

Cell EXPLORERS GMIT Fantastic DNA in a Box 2020

Schools visited by Cell EXPLORERS GMIT team



Map of Cell EXPLORERS GMIT Fantastic DNA in a Box visits 2020

2 Volunteers

4 Schools

4 Classes

111 Children

4 Teachers

27 Children Feedback

Children's feedback

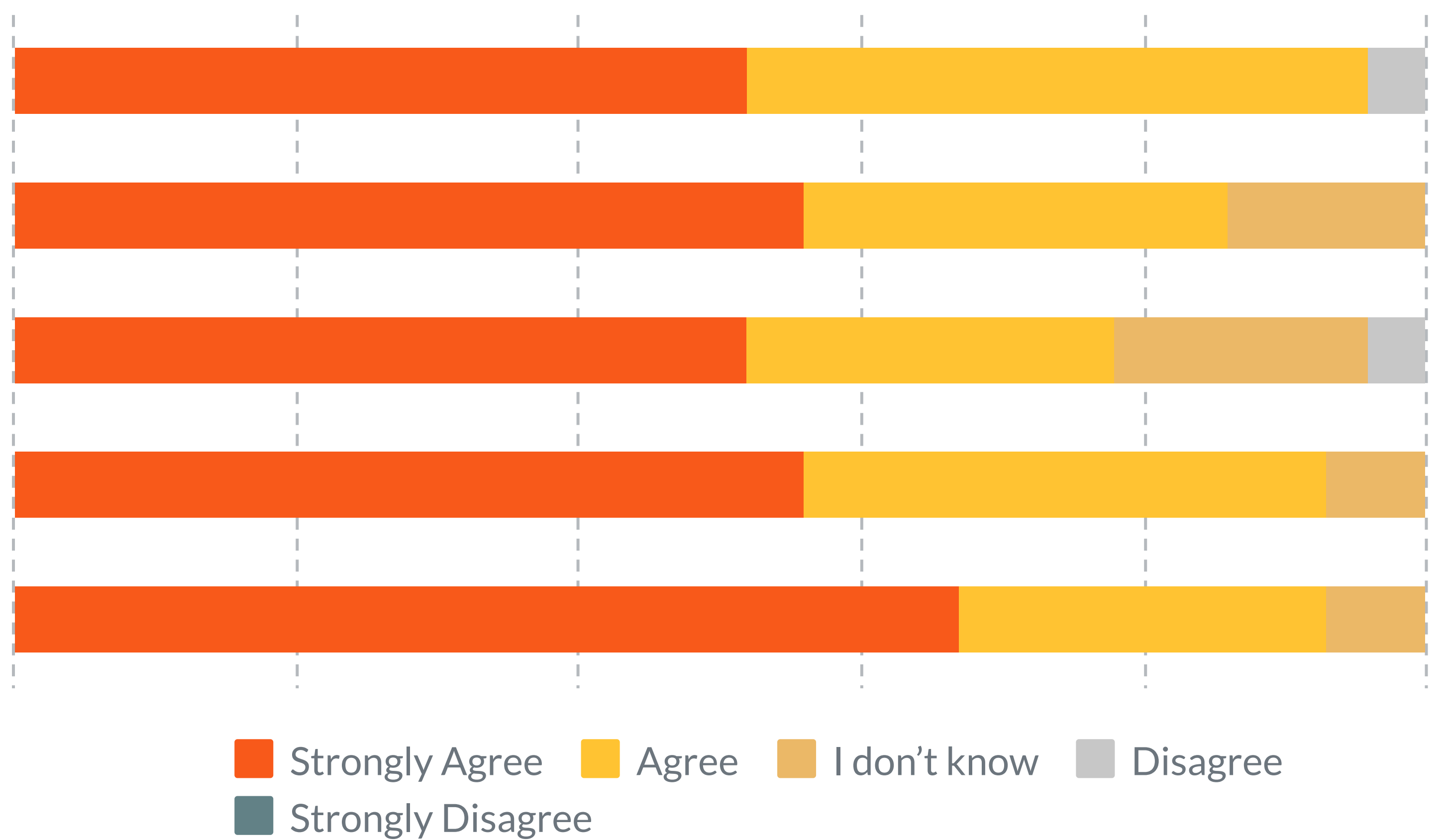
The session was well organised

I understood the presentation

I could follow the steps easily

I understood each step of the experiment

My teacher was helpful



Percentage of total responses (27)

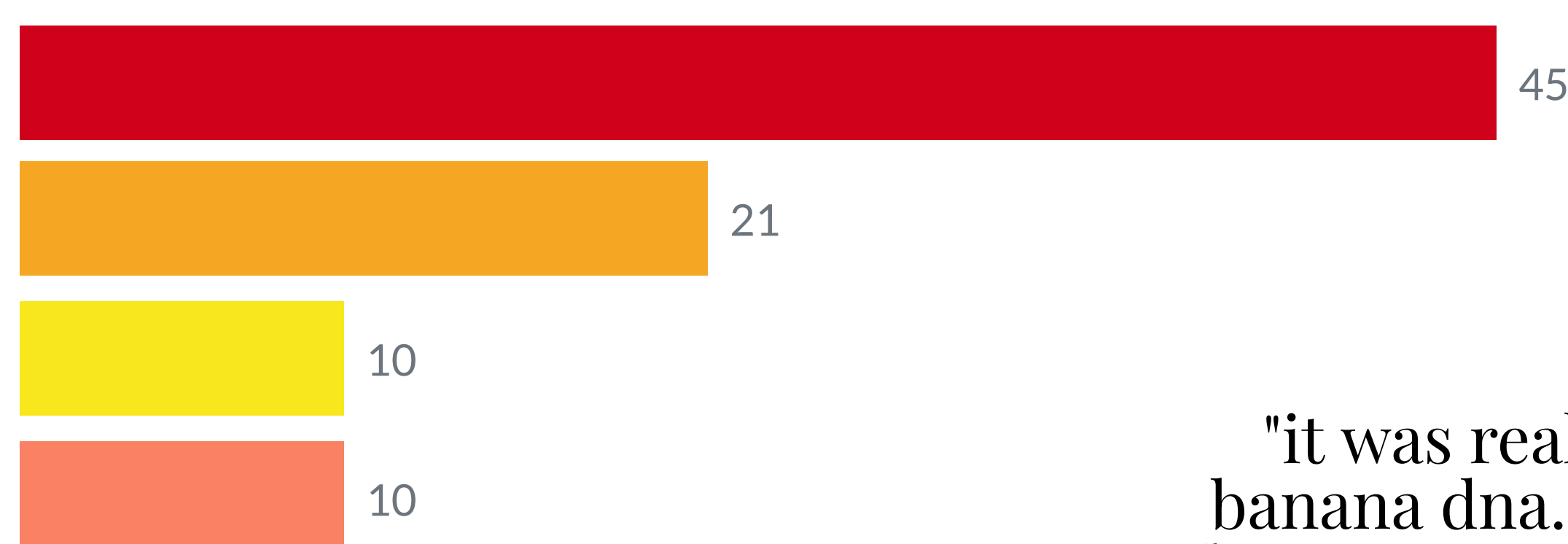
What did you like BEST about the session? (Top 3 answers)

Using real lab equipment

Learned something completely new

I did the experiment myself

I took the DNA home



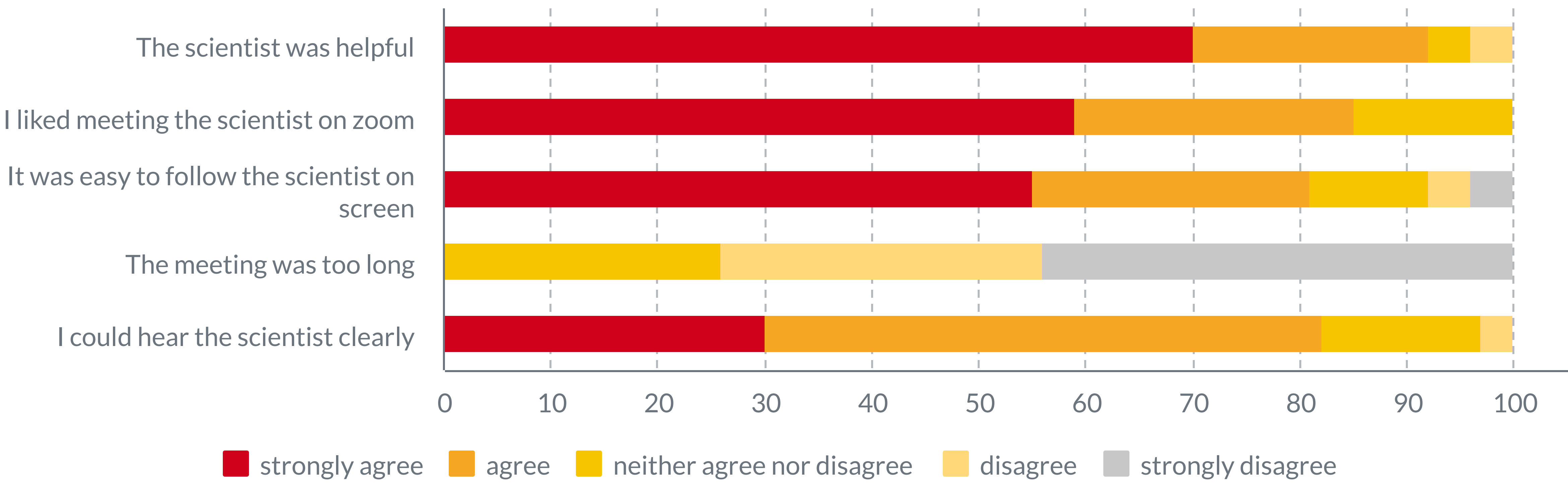
Percentage of total responses (28)

"i love science so it was great to do a zoom with a real scientist"

"it was really cool to see banana dna. i never knew bananas would have dna!"

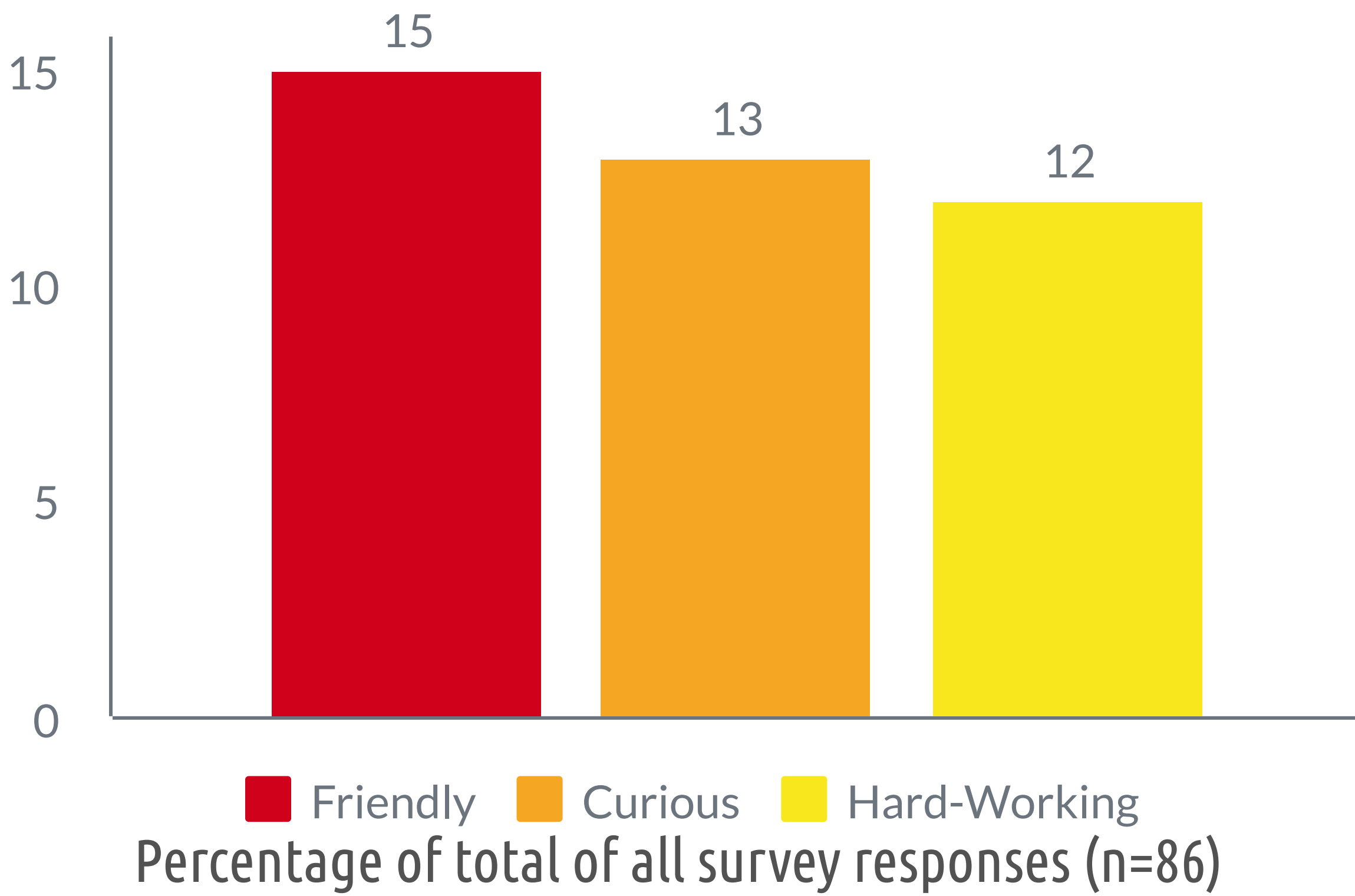
Meeting scientists

Meeting the Scientists on Zoom was a Positive Experience



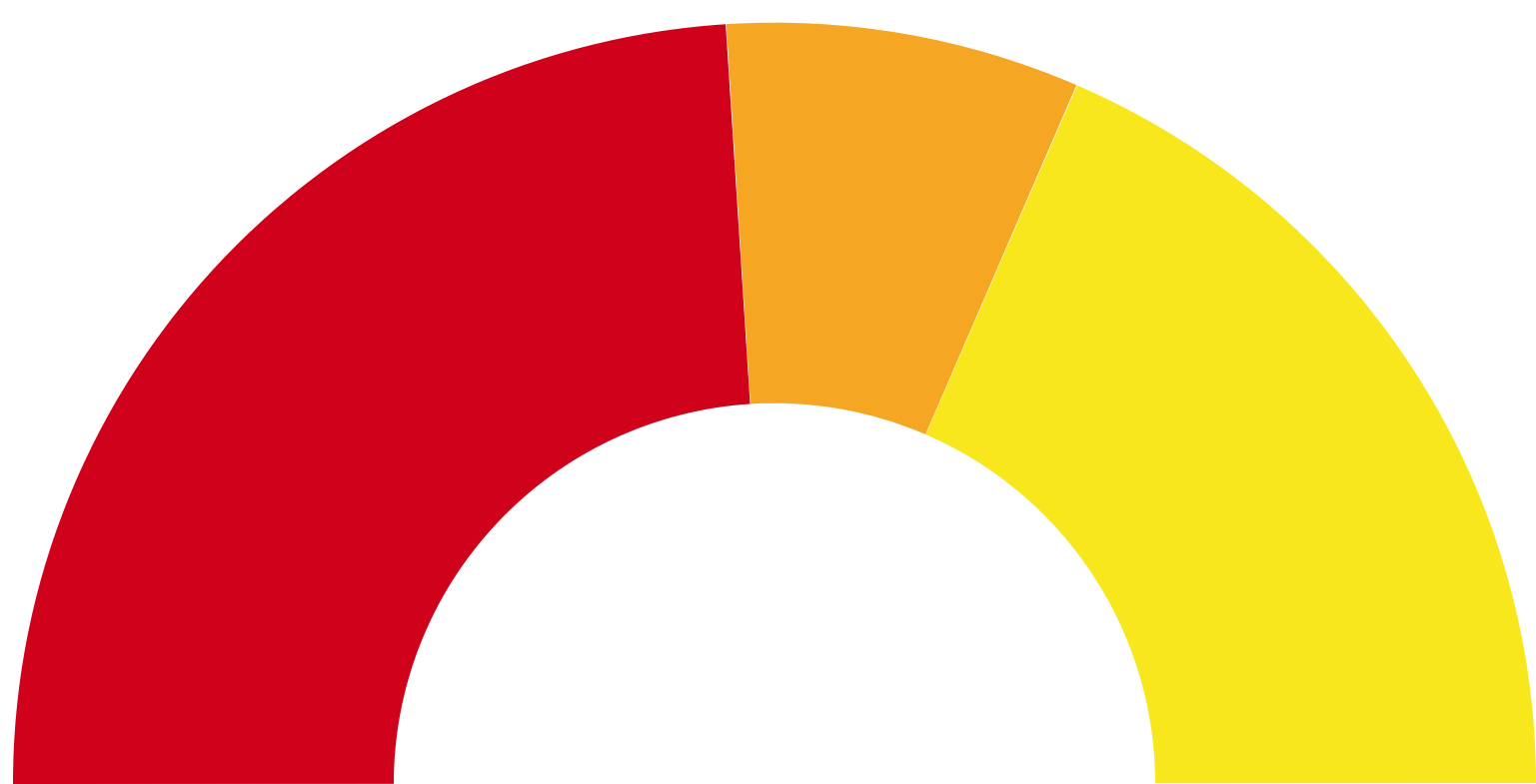
Percentage of total of all survey responses (n=27)

Top 3 Words to Describe a Scientist



Percentage of total of all survey responses (n=86)

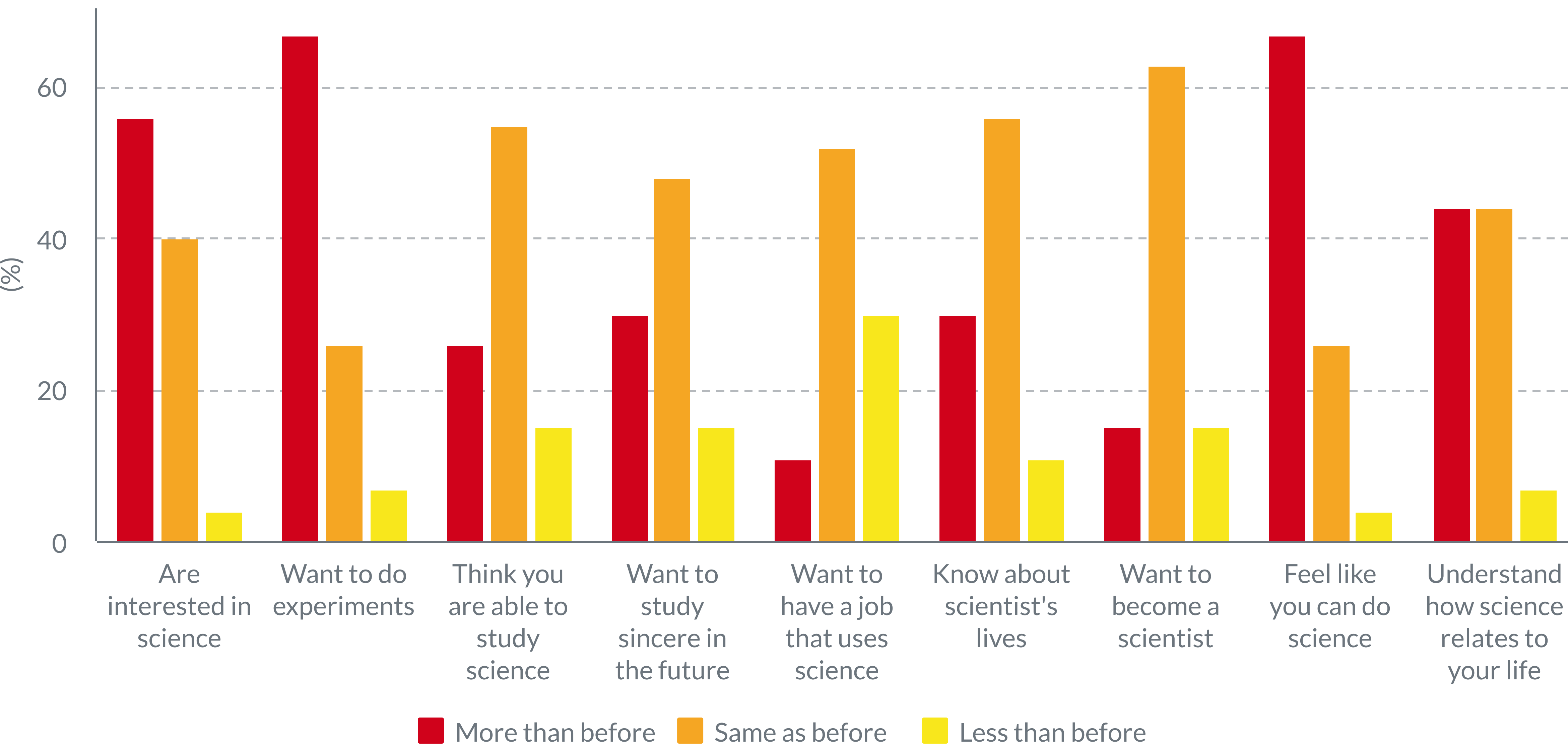
Did you expect the scientist to be like that?



Percentage of total of all survey responses (n=27)

The Fantastic DNA session has a positive impact on those participating

Science and You

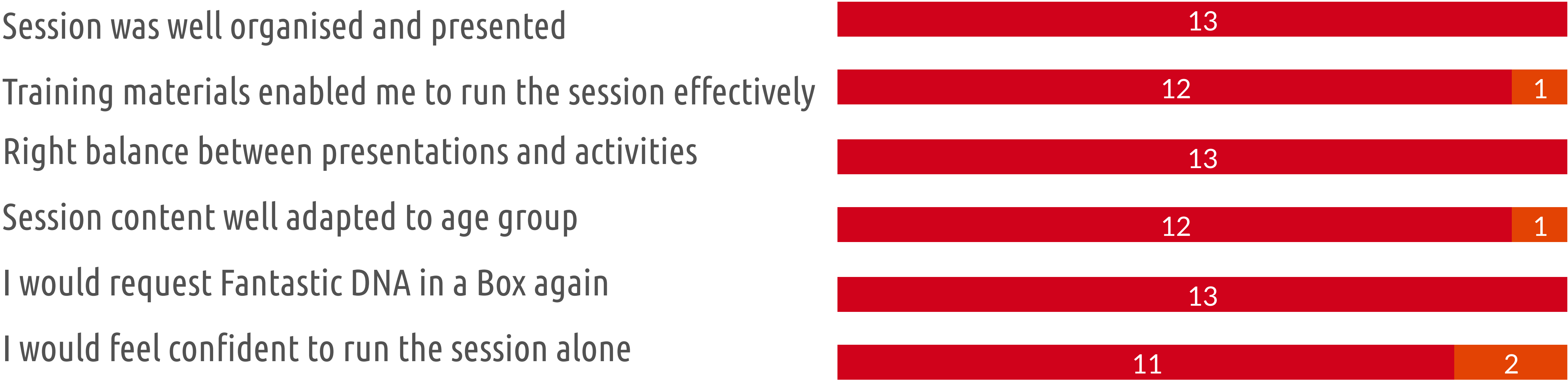


Percentage of total new survey responses (27)

Teachers agree with the session content and like the experimental setup

Teacher feedback from all visits (13 teachers)

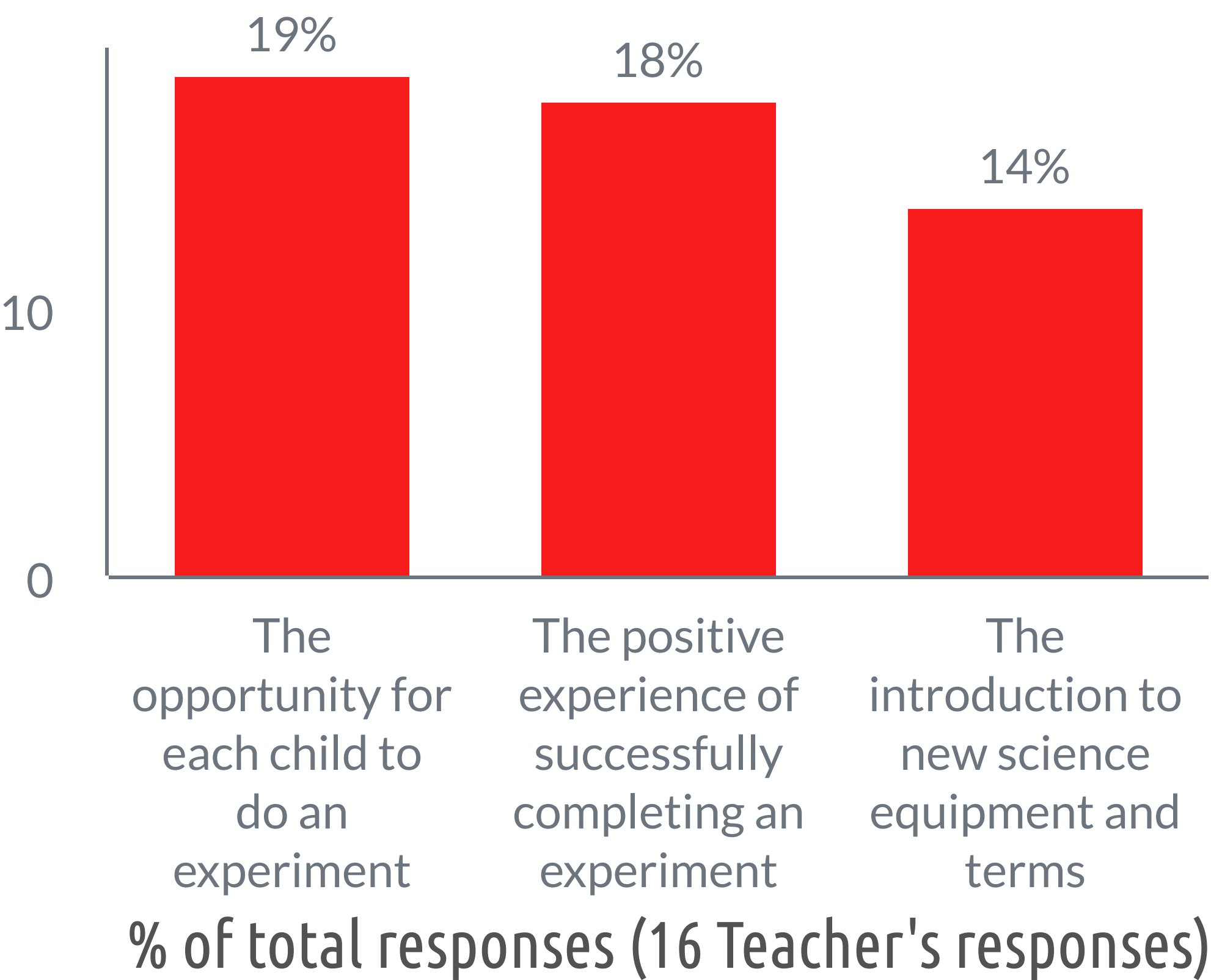
Teachers feedback on the quality of session:



Strongly agree Agree Neither agree nor disagree Disagree Strongly Disagree

Count of total responses (13 Teacher's responses)

Top 3 Aspects of the Session



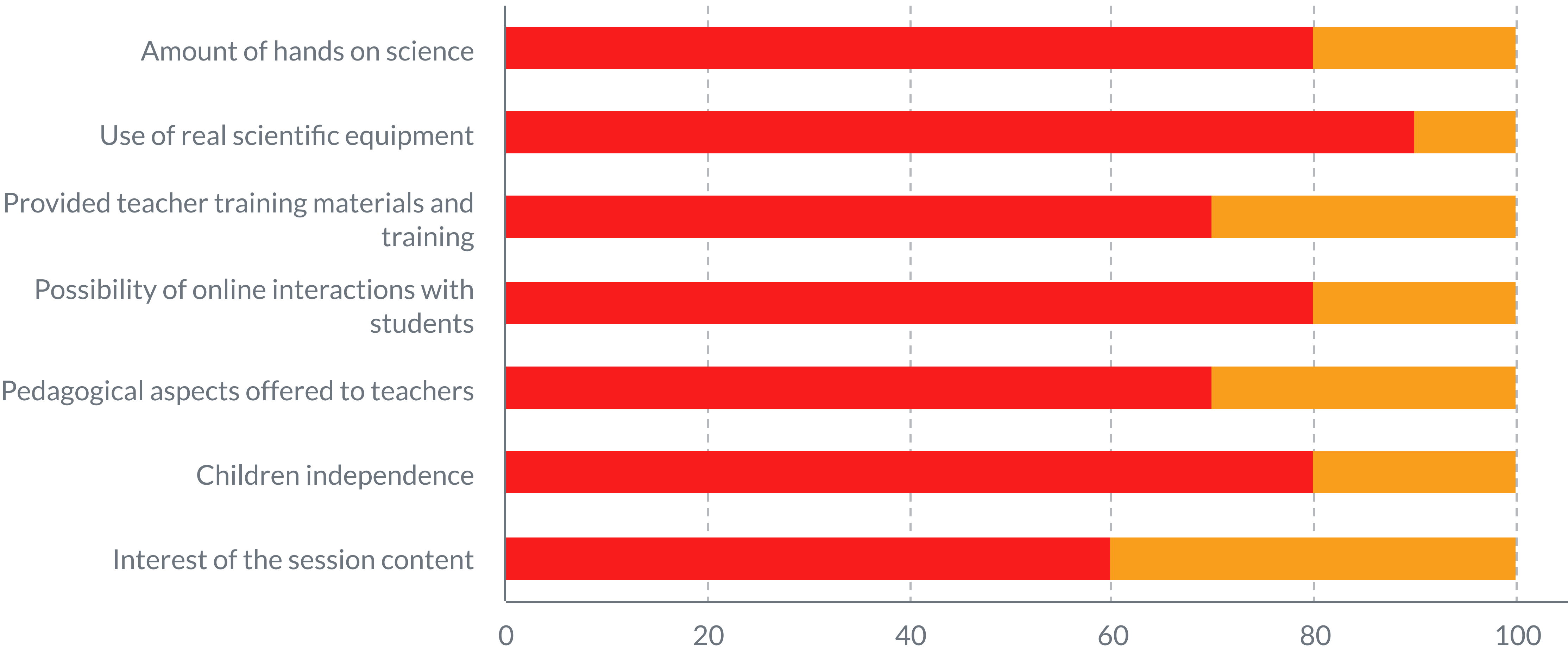
Session Impacts

"It made them realise that they can conduct an experiment themselves at such a level that they are extracting DNA. They had thought that this would be too technical for them."

"I think it impacted them very positively and gave them a real life hands on experience that they could relate to and understand that science is something that they can participate in."

"It gave the children the confidence to carry out 'proper' experiments using laboratory grade chemicals, and a deep understanding of science."

Cell EXPLORERS performed better than other science visitors according to teachers



Better Than Others Same as Others Worse Than Others

Percentage of total new survey responses (n=10)

"A fantastic workshop in which the children got great satisfaction from. Well done on continuing the workshop during covid."

"Was very impressed with how it was set up – so organised, clear and plenty of supportive resources. Fabulous hands-on experience for students (and teachers)"

Pictures & Drawings

