

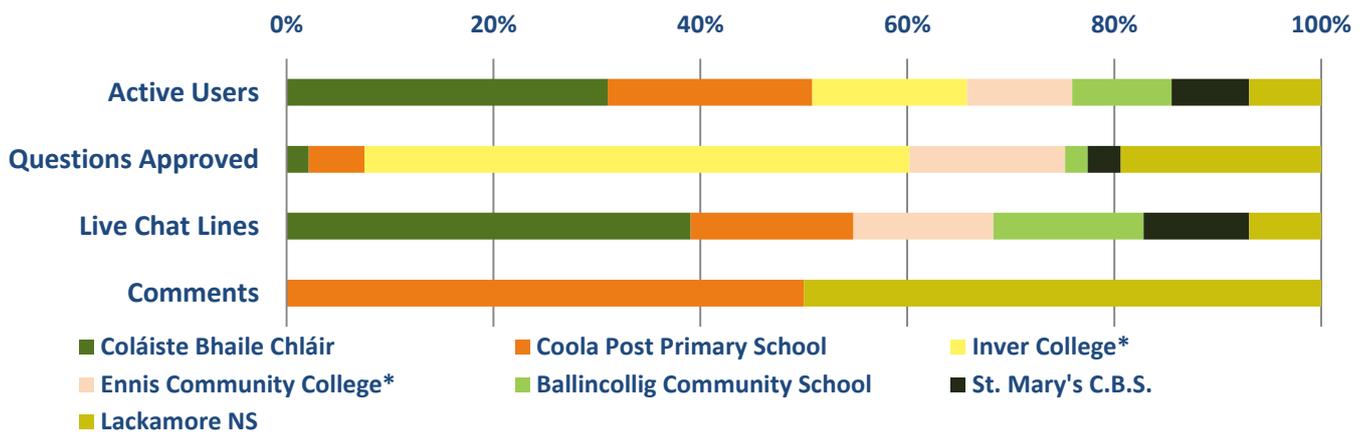


March 2017

The Health Zone was a themed zone, funded by Wellcome. Veasna is a PhD student studying how to help bones heal faster after surgery, David, the winner of this zone, is a Postdoctoral Fellow designing and testing medical implants and Claire C is a researcher working with doctors to better understand how devices such as stents for the heart perform in the body. Claire B is a lecturer researching ways that different cells can be used to implant into babies with heart problems, and Bobby is a PhD student looking at ways to use lightweight materials in bioengineering applications.

The zone was mostly on topic and lots of students in this zone were interested in careers, asking about the engineers' individual experiences of becoming and working as an engineer. The zone was quiet compared to their other two zones in March's event, with a below average number of students logged in.

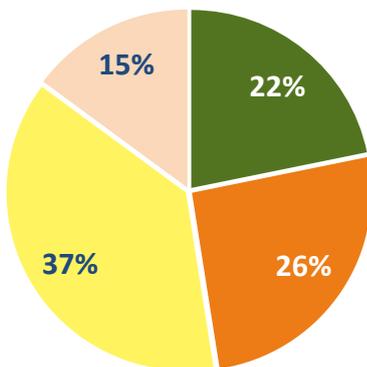
School data at a glance



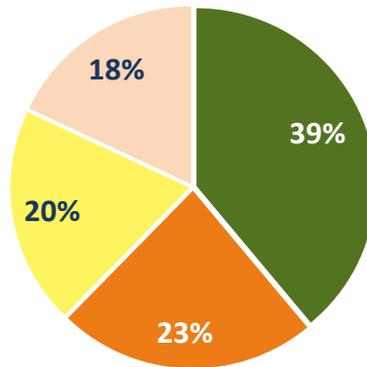
*DEIS (Delivering Equality of Opportunity in Schools) schools

Engineer activity

Answers



Lines of Live Chat

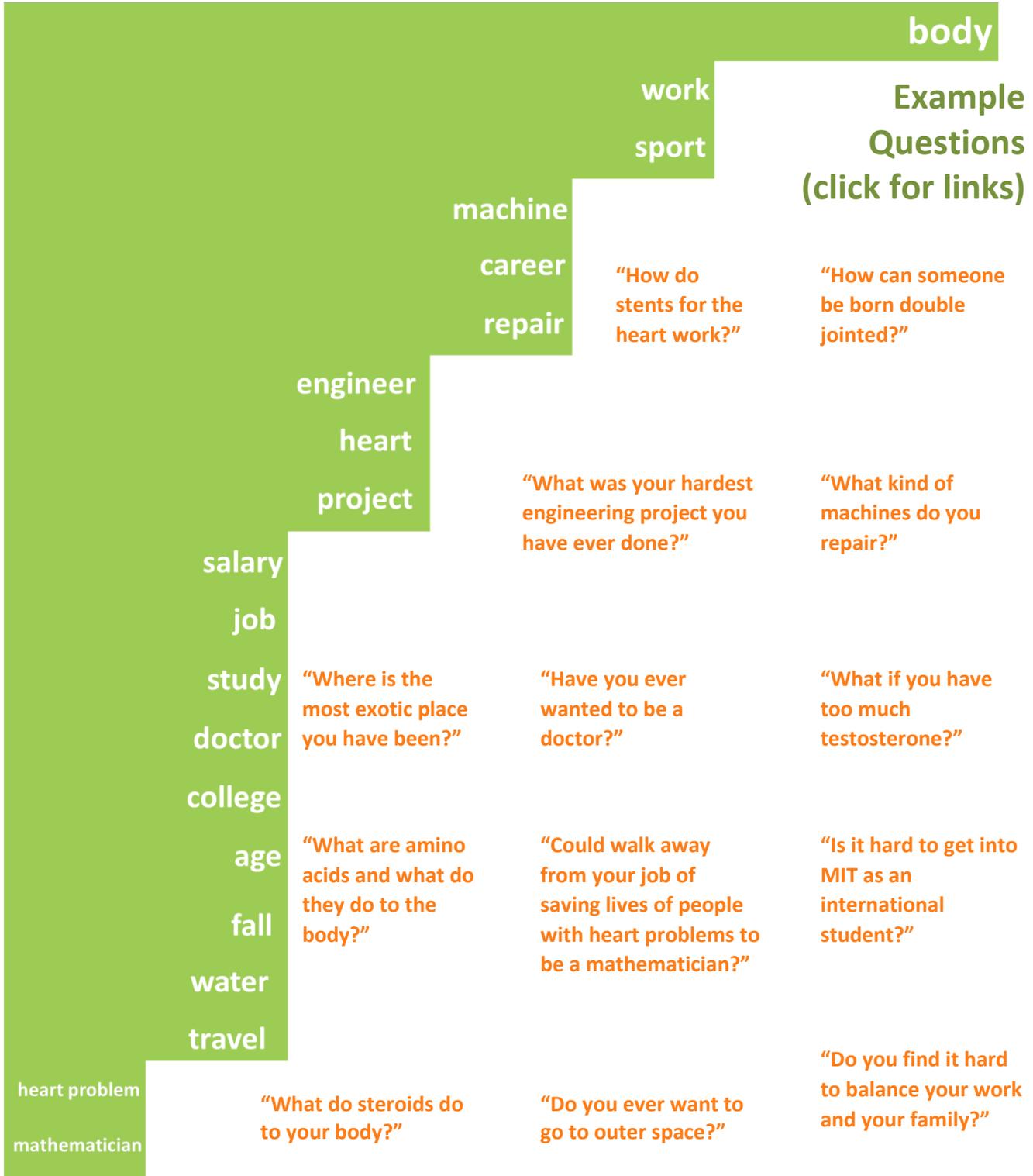


Engineer	Profile views	Position
David Nolan	273	Winner
Claire Conway	210	2nd
Veasna Sum-Coffey	211	2nd
Claire Brougham	164	4th
Bobby Huxford	235	5th



Keywords of questions asked in the zone, length of bar represents frequency of use

0 1 2 3 4 5 6 7



Examples of good engagement

There were many times in the live chats where the engineers explained why they do their jobs, and why they enjoy them:

“Your work must be really fulfilling to see anyone’s life changed by your research” – **Student**

“It is the best part! That is why I strive and work hard! Because I know the results of my research will be put to good use to help people. It sounds cliché, but I love it! :)” – **Veasna, engineer**

Lots of students were interested in engineering as a career path, and asked the engineers for advice on how to decide what degree to take, as well as the different jobs that are available:

“What’s better, a general degree or a more specialized engineering degree?” – **Student**

“I think that a degree in Mechanical engineering is a very broad degree that can get you into a lot of industries” – **David, engineer**

“It depends on whether you know what you want to be. I always suggest to people who are not sure about what they want to do to do an unspecialized degree. This way they can take classes that they find interest in and then decide later which one is best suited for them.” – **Veasna, engineer**

“What job opportunities are there with a mechanical engineering degree?” – **Student**

“Loads of opportunities, structural engineering, medical devices, railways and trains, wind turbines... too many to list” – **David, engineer**

Engineer winner: David Nolan

David’s plans for the prize money: *“I’d love to build a toy surgery model, where people could have a go at performing heart surgery. I’ve done lots of open days and science events where I thought that it would be fun and cool to show people how stenting surgery works. Now I have the opportunity (and money!) to do that.”* Read David’s [thank you message](#).



Student winner: Cavemaster137

For great engagement during the event, this student will receive a gift voucher and a certificate.

Feedback

We’re still collecting feedback from teachers, students and engineers but here are a few of the comments made during the event...



Follow

Another great round of questioning from some really smart secondary school students!
Thanks @IAEGMOOH 😊 #scicomm
#learningisfun #Engineering

“The students really enjoyed the chat and learnt a lot. It makes [engineering] more relevant.” – **Teacher**

“Thanks so much, I really enjoyed it” – **Student**