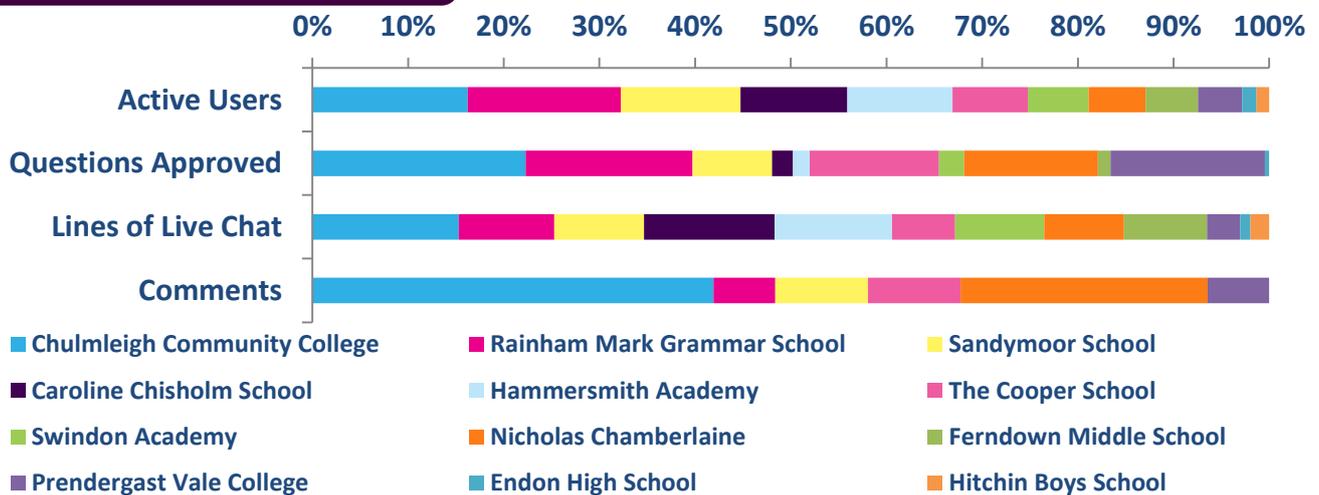




March 2016

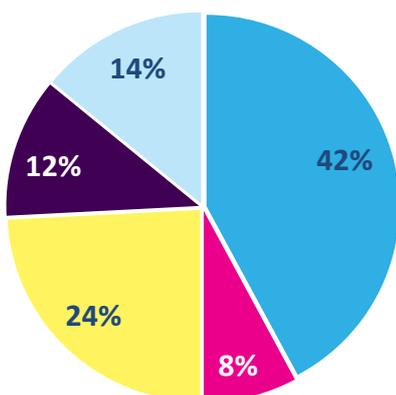
The Platinum Zone was a general science zone funded by the Wellcome Trust. Daniel works with Embryonic Stem Cells and is funded by the organisation. Lowri studies people's behaviour in relation to energy consumption, Greg is a doctor who researches how we can prevent diseases like cancer and diabetes, Kelly is an Intellectual Property Analyst for a chemical company and Giovanna is an experimental physicist who works with tiny electrical circuits. The zone was quite busy throughout the two weeks, with a higher than average amount of live chats compared to the rest of the zones in this event. There was an even spread of activity within the live chats from the scientists, and in the ASK section Lowri, the winner of the zone, accounted for 42% of all activity by scientists.

School data at a glance

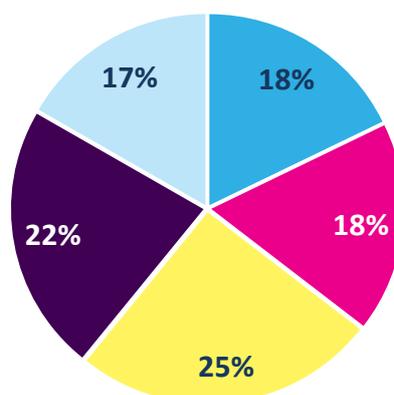


Scientist activity

Answers



Lines of Live Chat

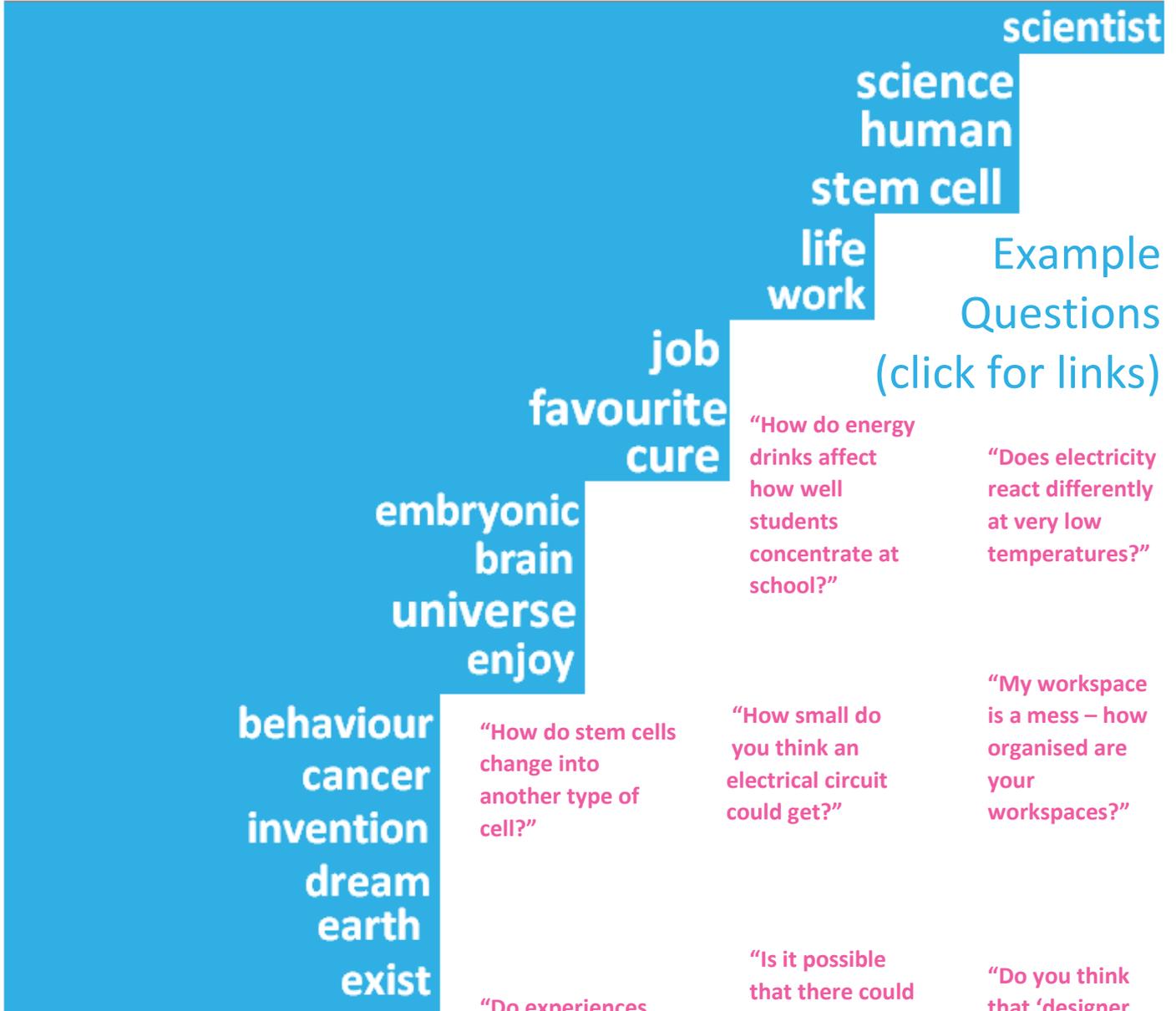


Scientist	Profile views	Position
Lowri Evans	1,308	Winner
Greg Irving	1,204	2nd
Daniel Biggs	1,108	3rd
Kelly Houton	956	4th
Giovanna Tancredi	771	5th



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

0 1 2 3 4 5 6 7 8



Example Questions (click for links)

“How do energy drinks affect how well students concentrate at school?”

“Does electricity react differently at very low temperatures?”

“How small do you think an electrical circuit could get?”

“My workspace is a mess – how organised are your workspaces?”

“Is it possible that there could be animals we thought were extinct?”

“Do you think that ‘designer babies’ will ever be a reality?”

“How do stem cells change into another type of cell?”

“Do experiences change our brains?”

“Why do we dream?”

“What are your thoughts on electro-convulsive therapy?”

“How many cells are there in a human body?”

“How many types of cancer are there?”

“What would happen if we could use 100% of our brain?”

“What makes people forget memories?”

“If gravity didn’t exist would we die?”

Examples of good engagement

The scientists were encouraging towards students who asked for guidance on learning more about science, and students were responsive with ideas of their own:

“What advice would you give if I wanted to become a scientist?”– **Student**

“My best advice would be to go after what makes you happy. Ignore what other people say or think, and have the strength to get rid of toxic people in your life. If you don't go after what you want, you'll never have it :) what type of science would you like to study?” – **Lowri, scientist**

“I would like to see how children`s behaviour changes as it may be fascinating. I may have a further look into it and start to study my family`s behaviour.”– **Student**

There were many questions within the chats which went into the hypotheticals, allowing the scientists and students to speculate on the future:

“Do you think that in the near future the human race will be in charge of its own evolution?”– **Student**

“Interesting question, Evolution is all down to random mutations given one species the edge over its nearest rival. If we control the mutations that push the species forward it could be argued that it's not evolution” – **Daniel, scientist**

“What is your opinion on Designer Babies?”– **Student**

“We are a long way from this but DNA modification will become more common as the technology evolves to allow personalised medicine” – **Daniel, scientist**

Scientist winner: Lowri Evans

Lowri's plans for the prize money: *“I will visit schools to do psychology workshops with young people”* Read Lowri's [thank you message](#).



Student winner: Melissa. _shaw003

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 scientists but here are a few of the comments made during the event...

“[it was] interactive and tailored towards the students. Most science engagement activities don't target how our young people communicate, however this does. It was ace!” – **Scientist**

“I've learnt a lot about different jobs that I didn't know about before. Also ive met new scientists and discovered their different ambitions! it was very interesting!” – **Student**