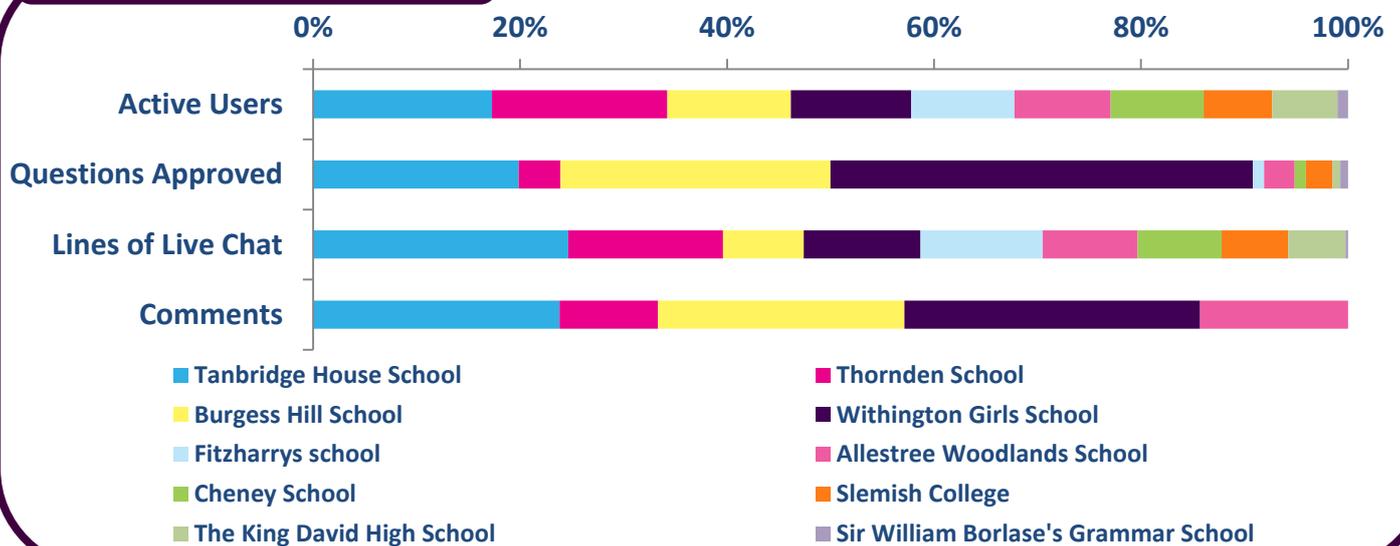




March 2015

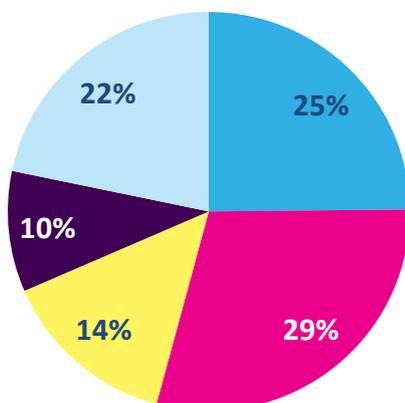
The Light Zone was a themed zone featuring scientists associated with the Science and Technologies Facilities Council. After a quiet start it became one of the busier zones, and it was one of the most topic-focused zones during March, with questions about many different aspects of light. There also a lot of quirky questions for the scientists to answer and this zone had two particularly engaged scientists in Hugh and Ed. During live chats, Ed was responsible for more lines than Maria, Guido and Dave put together.

School data at a glance

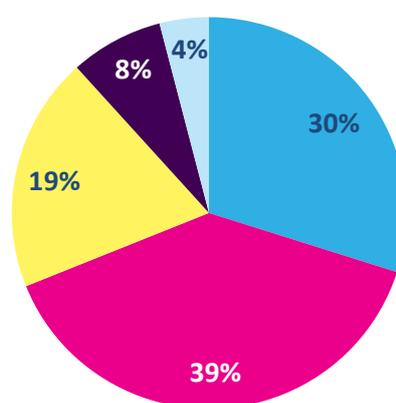


Scientists activity

Answers



Lines of live chat



Scientist	Profile views	Position
Hugh Harvey	908	Winner
Ed Rial	975	2nd
Maria Stefania De Vido	824	3rd
Guido Bolognesi	713	4th
Dave Bond	569	5th



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

0 1 2 3 4 5 6 7 8 9



Example Questions (click for links)

“I know that lasers can heat things up or cool things down, but can they speed up or slow down objects?”

“What happens if you are exposed to too many X-rays?”

“What is a black hole?”

“Why are clouds different colours?”

“Who invented the pinhole camera and why do we need to use it?!”

“What is it about lasers that made you want to work with them, and do you think you understood the full potential of lasers before you started working with them?”

“Some people have said the dress is black and blue, however I see white and gold! Can you help me to understand the science behind this?”

“I know the moon gets its colour from the reflection from the sun but why then does the moon appear different colours such as grey, pale yellow, orange and red?”

“Is it the concept of CGI that doesn't make it look quite real, or is it any lighting issues that may occur?”

“What really is the northern lights?”

“What would your dream scientific breakthrough be, and why?”

“How many atoms does it take for something to become visible to the naked eye?”

“What happens if you are exposed to too many X-rays?”

“How are stars formed?”

Examples of good engagement

A nice interaction occurred between Ed and a group of students that addressed the stereotype of scientists being 'geeky' or uncool.

"Were any of you bullied/teased at school because of your love for science, as it is not seen as 'cool'?" – **Student**

"I was teased/bullied for being a geek and being clever. Wasn't the most fun time of my life. Once I started A-levels though I became more comfortable with who I was. Awful sense of humour included."

Dont worry, bet the bullies are jealous now" – **Student**

All of the scientists, but especially Ed and Hugh, engaged the students through humour, answering non-science questions sincerely yet with light-hearted answers.

"Can u make a poem about your work in a minute like a boss?" – **Student**

"There was a scientist named Hugh, who knew just what he wanted to do, so he did a test, and beat the rest, and whooped all his classmates at school" – **Hugh, scientist**

"Boss poem Hugh" – **Student**

Scientist winner: Hugh Harvey

Hugh's plans for the prize money: *"I would use the money to help buy a 3D printer for a school so that you can learn how to use it, and maybe one day YOU can have a job making things for doctors to help their patients! 3D printing is a new and exciting way of making things. Just like printing on a piece of paper, we can use a 3D printer to make a whole object in one go!"*



Read Hugh's [thank you message](#).

Student winner: TrudyScrumptious

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...

"I want to be a scientist!!!!!!" – **Ana, student**

"Thanks for all the great answers, the students are very grateful" – **Crookesm, teacher**



Answering questions for #iasuk in haiku
Because it isn't hard enough already!
[@imascientist](#)