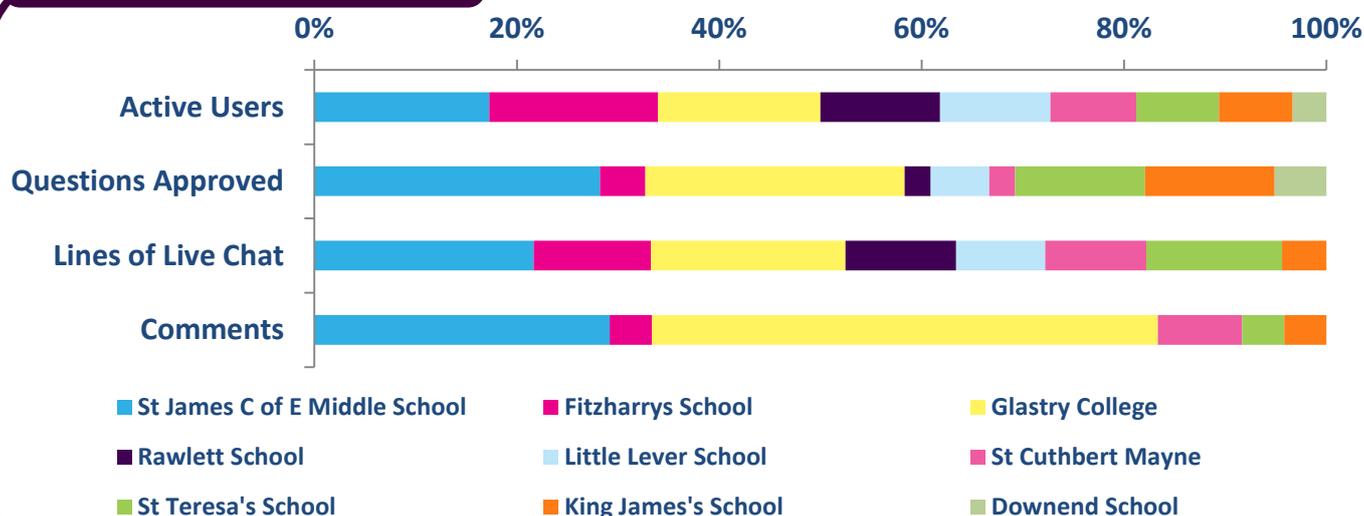




March 2015

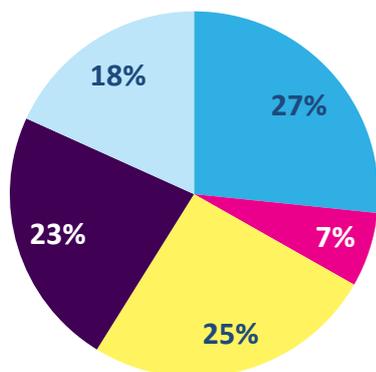
The Green Chemistry Zone involved nine schools and a total of 407 students. The scientists were researching new ways to reduce the environmental impact of industrial processes, from finding alternative fuels to making materials from sustainable sources. The live chats in this zone were busy and Jo, Sankar and Sarah engaged really well in these, with Sarah continuing to attend them after being evicted. It was one of the least focused themed zones for March, resulting in it feeling more like a general chemistry zone.

School data at a glance

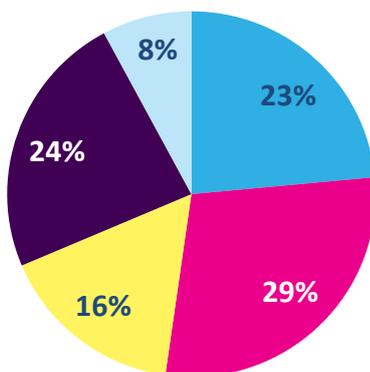


Scientists activity

Answers



Lines of live chat

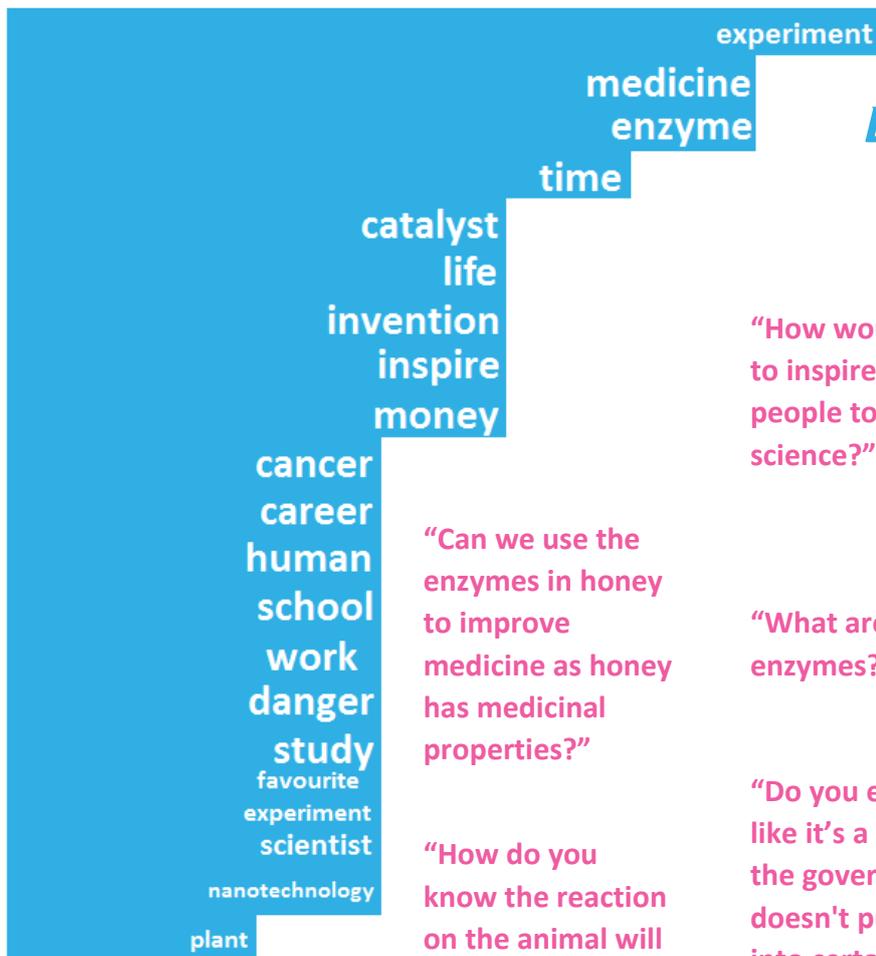


Scientist	Profile views	Position
Jo Sadler	1,051	Winner
Sankar Armeenakshisundaram	886	2nd
Alan Mccue	820	3rd
Sarah Kirk	780	4th
Becky Gregory	652	5th



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

0 1 2 3 4 5 6 7



Example Questions (click for links)

“Who is the person that inspired you in science?”

“What was the most dangerous experiment you've ever done?”

“Can we use the enzymes in honey to improve medicine as honey has medicinal properties?”

“How do you know the reaction on the animal will be the same on the human?”

“How do you think that aspects of nano technology like nano bots could cause medicinal science to evolve?”

“What is your favourite experiment?”

“How would you like to inspire young people to enjoy science?”

“What are allosteric enzymes?”

“Do you ever feel like it's a shame that the government doesn't put money into certain scientific breakthroughs that could benefit society?”

“Will there ever be a way of getting vaccinations (eg Cervical cancer jabs) without the use of a needle?”

“If you could have a scientific superpower, what would it be?”

“How are chemists trying to achieve 100% atom economy in chemical reactions?”

“What is your opinion on social media?”

“Why do you spend your time doing experiments?”

“What have you done to make the world inspired?”

“What is so important about your jobs?”

Examples of good engagement

There was encouragement of scientific thinking in the students and good discussion about the process of science, especially from Sankar and Jo.

“Sankar, how do you change your approach after you hit a dead end?” – Student

“That is the most important aspect of research. We need to be flexible. Think differently. If a glass is half full, next time think that it is half empty (different approach).” – Sankar, scientist

“If I hit a dead end I have a meeting with my supervisors and we discuss the options. Often you have to take a step back then continue in a slightly different direction. Luckily my project is quite varied so there are always lots of different things to investigate.” Jo, scientist

“Sankar, when you were younger when did you decide you wanted to be a scientist?” – Student

“EVERYONE, the moment you start asking questions, you are a SCIENTIST.” – Sankar, scientist

Scientist winner: Jo Sadler

Jo's plans for the prize money: *“I'd run a competition in schools for you to carry out your own piece of research and discover something new- not all scientists wear white coats! The prize? A 'Green Chemistry Starter Pack' for your school. You often don't need fancy equipment, a PhD or goofy glasses to do great science – anyone can be a scientist and help understand and discover more about our world. The winner would receive a £50 prize and a 'Green Chemistry Starter Pack' for their school, including a DVD covering the basics of green chemistry, a handbook of green chemistry experiments and some of the equipment to get you going.”*



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

Student winner: Rosie

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 love u scientists” – HollyBaconThingy, student

“I would just like to say thank you - my lower sixth have really enjoyed this– Parishes, teacher

“Throughout these last two weeks I have been consistently impressed with the quality of questions” – Jo, scientist

“Constantly amazed by what the pupils wish to know about - good fun trying to answer though” – Alan, scientist