

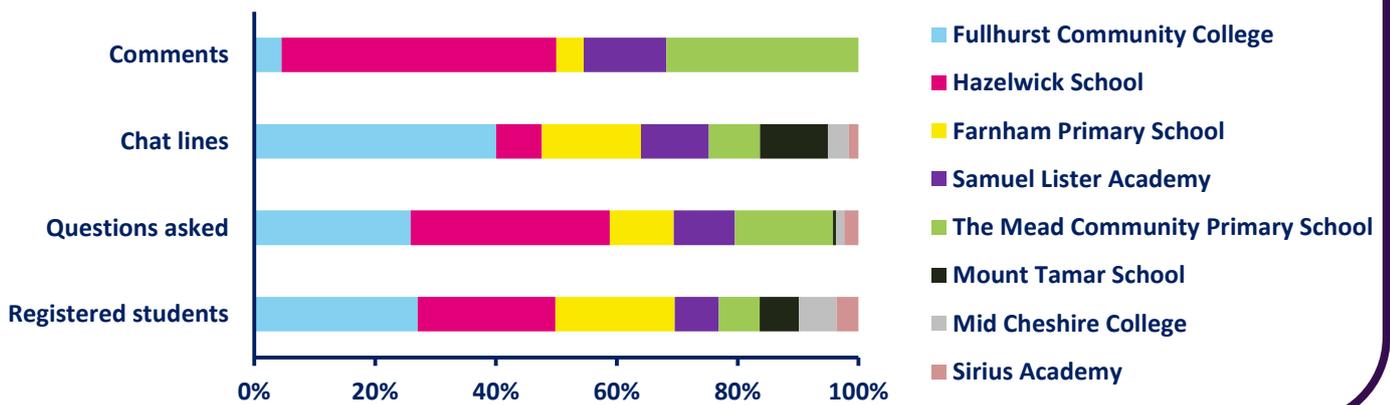


**November 2013**

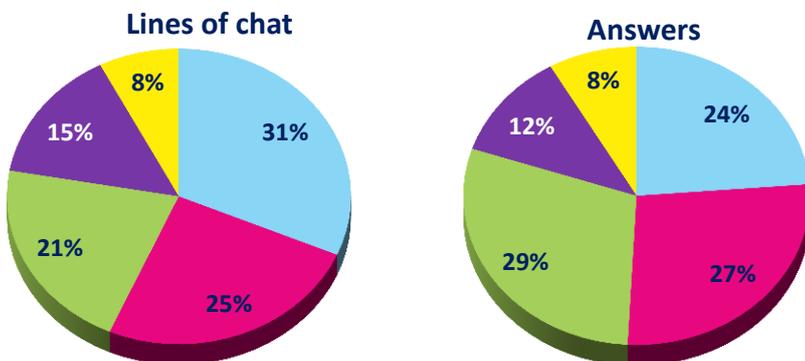
This report has been compiled by the I'm a Scientist team as a summary, containing moderator observations and our web data, to provide some meaningful information on the zone.

The Extreme Clean Zone was funded by the Science and Technology Facilities Council. Questions in this zone began slowly, with a lot of questions about the moon and space, given that Nicci's research is focused on moon dust. There were a higher number of interesting questions during the second week, most of them coming from a particular group of students. Live chats, though there weren't many, were often busy.

**Schools' data at a glance**



**Scientists' activity**



Scientist profile	Page views	Position
Sarah Tesh	1,015	Winner
Jessica Liley	704	2 <sup>nd</sup>
Nicci Potts	530	3 <sup>rd</sup>
Ivan Campeotto	342	4 <sup>th</sup>
James King	357	5 <sup>th</sup>





Keywords of questions asked in the zone (the size of the words represents its popularity)

**SCIENCE**

allergy1 animal3  
animaltesting3 **chemistry**5 disease3  
**earth**5  
element1  
environment5 ethics2  
experiment3 future3 harmful3 history2  
how science works4 **inspiration**6  
invention1 marine2 **medicine**4  
microorganism4  
**moon**8 nutrition2 physics1 radiation1  
**research**13 rock2  
**space**14 water3  
weather2 **science**2

**Total 108**

**CAREER**

achievement2 career3  
**education**5  
failure1 job3  
routine1 communication2  
scientist2  
**work**20  
work-life balance1

**Total 40**

**PERSONAL /OTHER**

football1 **ias**4  
**personal**13 quirky1  
sport1 win2

**Total 22**

**Sample questions**

Will the washing powder be hypo-allergenic?

Do germs have germs?

Did we really go to the moon in 196? Some people think that it was filmed in a studio because you cannot get wind in space but the flag was blowing.

Did anyone ever doubt your work? How did you prove them wrong?

What would you do after all the radioactive water is cleaned up at Fukushima?

What is the cleanest thing on earth?

How would you describe the difference between mycobacteria and normal bacteria?

How long would it take until you can clean all of the water in the world?

## Examples of good engagement

Jessica had a discussion about hypo-allergenic washing-powder with a student who needs to use such products. This also came up in a chat, with a lot of discussion around how some everyday items we use can cause chemical harm.

*“what is wrong with the washing powder we use???” - iijames000v, student*

*“there's nothing wrong with it in terms of cleaning, washing powder nowadays works really well at making clothes very clean and fresh. The problem is that the detergent used is man-made, so it's not biodegradable and can collect in rivers and other bodies of water. If we can replace these man-made one's with more environmentally friendly ones, we can work towards keeping the environment much cleaner.” - Jessica, scientist*

There was also a very interesting question in which scientists recommended some revision techniques for students: [How do you manage to remember all the facts about your topic?](#)

## Scientist winner: Sarah Tesh

Sarah's plans for the prize money: *“Kokwech Primary School in Uganda (Africa) does not have safe water available to drink and clean with. Children are forced to take time off school each day to walk miles to fetch water, which isn't even safe to drink. My work and the water filter I develop will help many people in these awful situations but it is still in its early research stages and has to go through a lot of testing. So, in the meantime, I would like to donate the money from I'm a Scientist to the school to help raise the £9,000 it would take to install a borehole (pipes to fresh water deep underground), finally giving the children and the community the basic clean water we take for granted every day.”* [Read Sarah's thank you message here.](#)



## Student winner: crazyxoxo

For asking some very good questions, **crazyxoxo** will receive a £20 WH Smith voucher and a certificate.

## Feedback

Here are a few of the comments made during the event...

*“thank you so much I always struggle when I comes to remembering, but now I might be able to!” - kjxxxxxxxxxx, student*

*“thank you to all the scientist for answering my questions. I am proud to know the answers thx again” - stacey12345, student*

*“Thank you for answering our questions hope to see you again Science rules.” - hypervenom11, student*

*“Your questions were brilliant and made me think about aspects of science and work that tend to be pushed to the back of my mind during day to day life. I loved the huge range of subjects and the imagination and creativity behind your questions (I don't think I would have thought to ask most of them!)” – Sarah Tesh, scientist*

*“It was great while it lasted - thanks!” - James King, scientist*