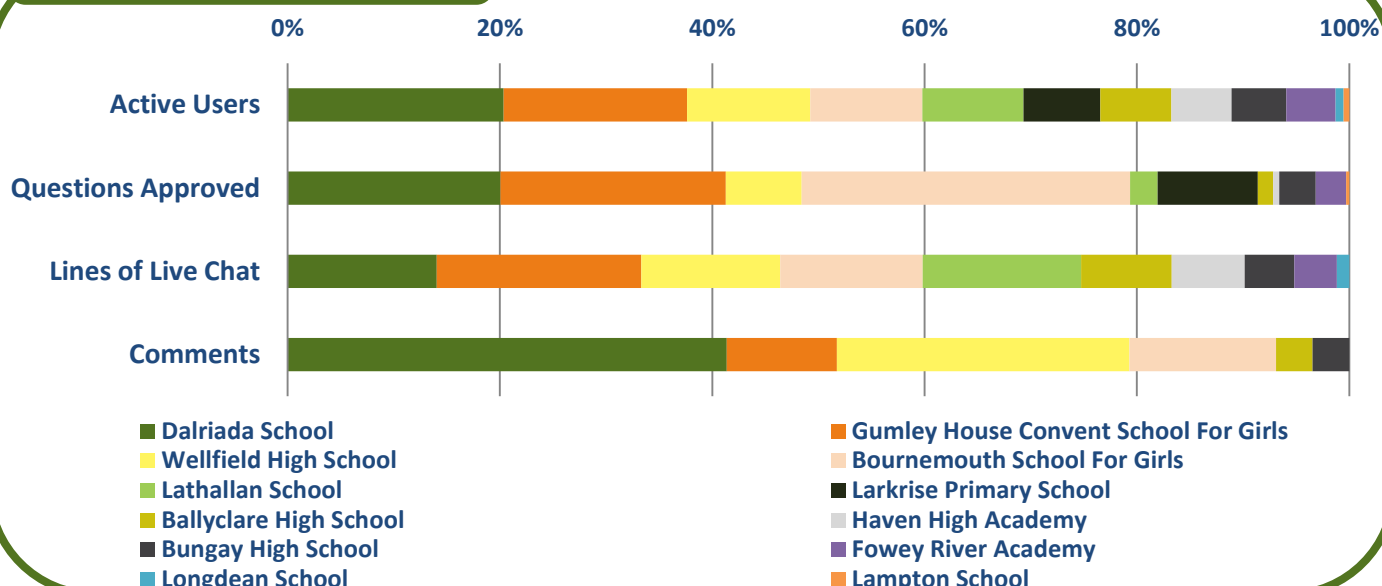


June 2015

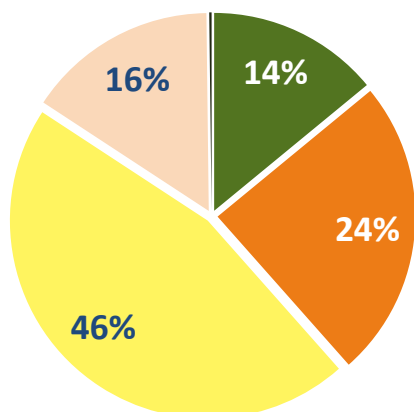
The Environment Zone was a themed zone funded involving engineers whose work impacted, or was impacted by, the environment. For example, Arshan studies how sewage systems cope under flood situations and Nicola models the National Grid's gas network in response to changing demands. This zone had the most questions approved out of the June zones (349) and the live chats were busy throughout. Popular topics in the Zone were engineering as a career, women in engineering, and the work of some of the engineers, for example earthquake resistant buildings. Most of the engineers were very engaged, with Nicola in particular answering over 200 questions in ASK.

School data at a glance

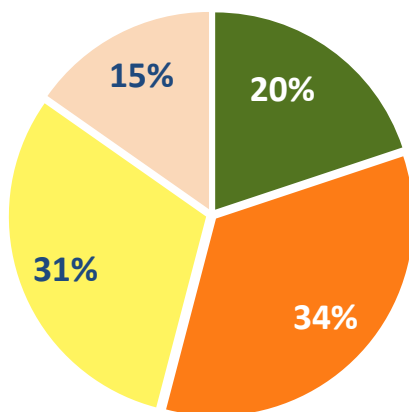


Engineer activity

Answers



Lines of live chat



Engineer	Profile views	Position
Zack Gill	1,238	Winner
Harriette Stone	849	2nd
Nicola Asker	898	3rd
Arshan Iqbal	760	4th
Alex Webb	622	5th

PAGE VIEWS	ENVIROMENT ZONE	JUNE '15 AVERAGE
Total zone	23,706	19,241
ASK page	1,927	1,490
CHAT page	5,007	3,100
VOTE page	1,427	1,437

Popular topics

The ASK section of the zone featured a large number of questions about engineering in general, careers, work, the engineers jobs and the inspiration for taking up engineering e.g. "Is travelling a large part of your job?"

There were questions about the work of the engineers such as "What things have you done that make our homes more comfortable" and some excellent questions concerning women in engineering. The travelling that the engineers had mentioned on their profiles was also a popular theme of questioning.

The engineers seemed to be asked far more questions about their specific area of work during the live chats. In both the live chats and ASK Harriette's work on designing buildings to withstand earthquakes and Zack's work on energy efficient houses were the most popular subjects.

The Zone also had some general science questions like "what is the biggest planet?". There were many personal questions about hobbies, pop culture and music.

	ENVIRONMENT ZONE	JUNE '15 ZONES AVERAGE	IAE 2012-15 AVERAGE
Students	426	413	356
% of students active in ASK, CHAT or VOTE	92%	87%	83%
Questions asked	1,077	727	518
Questions approved	349	229	195
Answers given	520	455	435
Comments	33	27	41
Votes	353	311	277
Lines of live chat	6,516	5,574	4,896
Live chats	20	19	16
Average lines of live chat	326	290	305
Schools	12	11	9

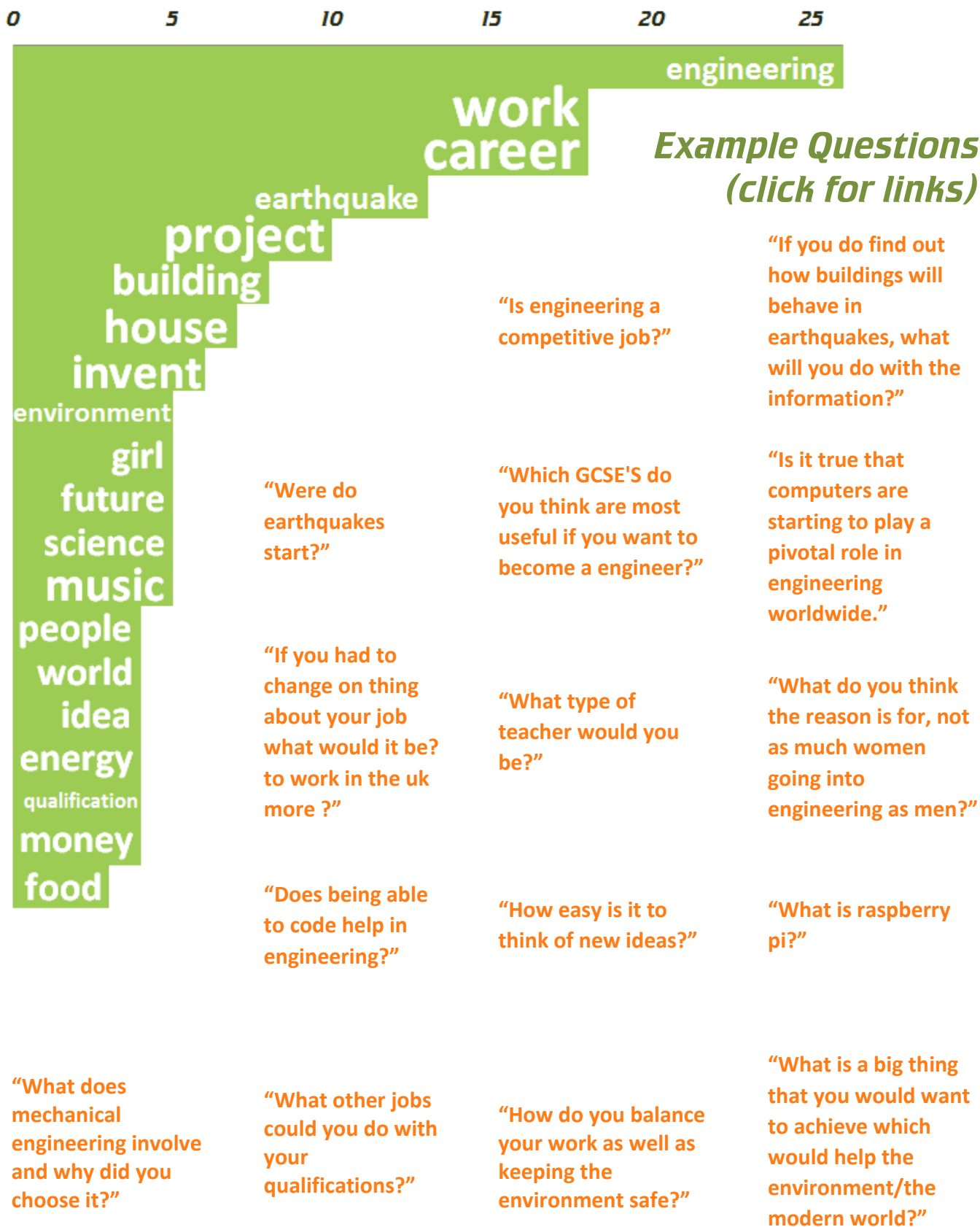


Keywords from live chats in the zone, size of the word represents its popularity





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



Examples of good engagement

The following excerpt live chat shows how students were thinking about what questions they could ask to really test the engineers:

"Do you think it is more important to find other methods for generating electricity or curing diseases?" – Student

"That's really difficult. I'd probably focus on electricity because we already have population issues so if we keep curing diseases that'll get worse" – Nicola, engineer

"Interesting question! If we had unlimited clean electricity we could probably create lots of curse for diseases 😊" – Zack, engineer

Some of the questions were more light hearted, but still testing. The engineers were good at communicating their personalities through their responses and establishing personal connections with the students:

"Do you see the cup as half empty or as half full?" – Student

"It's full! Half water half air 😊" – Nicola, engineer

"Incorrect, an engineer would say that the cup is twice as big as it should be" – Student

"Not necessarily (though it's a common joke). If you always half fill it then yes but perhaps you occasionally need it to hold more" – Nicola, engineer

"Banter" – Student

Engineer winner: Zack Gill

Zack's plans for the prize money: *"I would use it to organise an event with the CIBSE Young Energy Performance Group (I'm on the committee) to get more younger people interested in saving energy and our planet!".* Read [Zack's thank you message](#).



Student winner: Eden

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...

"Thank you so much for today, you have really inspired the kids." –
Granaghk, Teacher



Harriette Stone
@HarrietteStone

"I think I'd like to become an engineer now Harriette" - the BEST thing about talking to children about your job. [#nextgeneration](#)
[@IAEGMOOH](#)