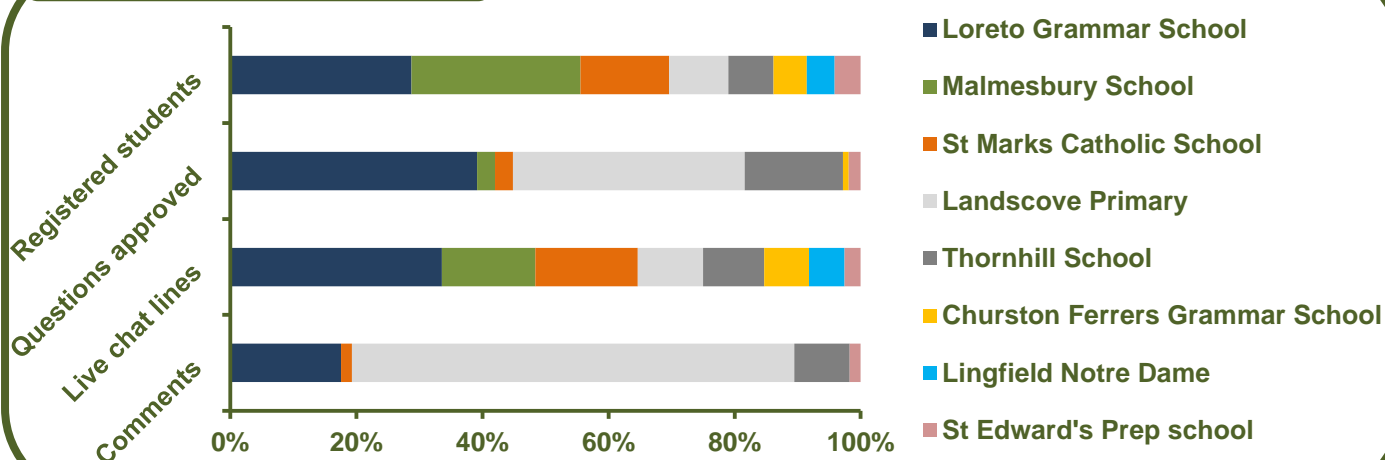


June 2014

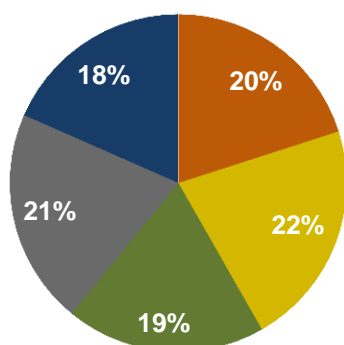
The Cities Zone had the highest number of registered students for all the zones, which kept the site lively and busy. The live chats were great with a lot of really engaged classes, and questions focused on engineering's contribution to the future of buildings, cities and energy. All the engineers in the zone were really engaged, sharing the load of questions answering and chatting in the ASK and CHAT sections between all 5 of them, as well as lots of discussion on Twitter. They were so even that there was a tie on the first eviction day!

Schools' data at a glance

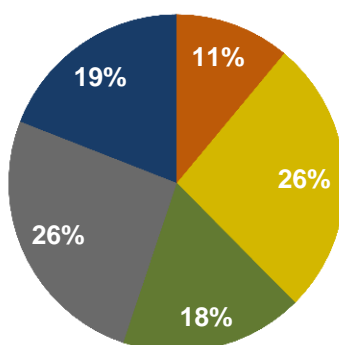


Engineers' activity

Answers



Lines of live chat



*There was a tie on the first eviction day, which left 2 engineers sharing the 2nd position

Engineer's profile	Page views	Position
Mark Greaves	729	Winner
Roma Agrawal	671	2nd*
Cathy Fraser	500	2nd*
Rory Hadden	619	3th
Jaz Rabadia	517	4th

Number of page views during the event
(plus 2 previous weeks)

CITIES ZONE	PAGE VIEWS	ZONES AVERAGE
Total zone	16,073	14,525
ASK page	1,421	1,068
CHAT page	1,689	1,581
VOTE page	1,305	1,049

	CITIES ZONE	ZONES AVERAGE
Registered students	396	329
% of active students (used ASK, CHAT, VOTE or commented)	81%	78%
Questions asked	537	390
Questions approved	254	167
Answers given	793	441
Comments	78	70
Votes	335	259
Lines of live chat	6,212	4076
Live chats	15	13
Schools	10	8

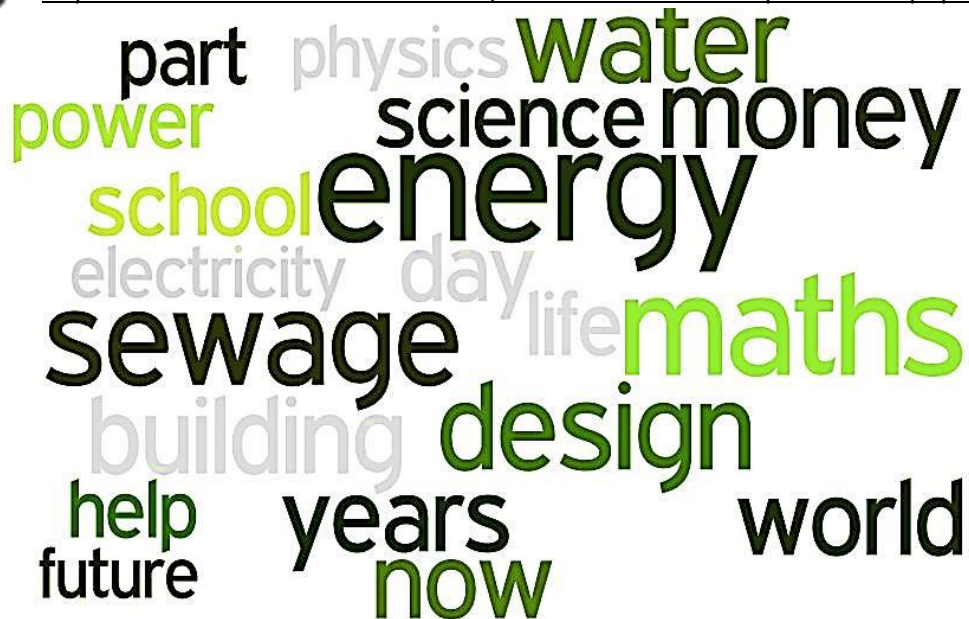
Popular topics

In the live chats, Roma got a lot of questions about The Shard and the M&S adverts in which she had appeared, Rory was inundated with questions about fire and which materials burn in different ways, and Mark with questions about sewers. The students seemed to have picked up on the research fields really well.

In the ASK section, students were very interested in the future of cities and how engineering could create more efficient and greener cities. The students asked about the future of energy sources and the possibility of them running out, and there were a lot of, 'what would you do if...' scenario questions!



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





Keywords of questions asked in the zone (the zone topic was not used as a keyword)

Keyword	Number of times	Keywords	Number of times
career	17	electricity	9
energy	15	I'm an Engineer	8
building	14	power	8
build	13	car	7
future	13	burn	7
engineer	12	fire	7
favourite	10	work	7
school	9	ambition	7
job	9	city	7
engineering	9	electricity	9

Example questions

"How much electricity does it take to power 1 Debenhams store?"

"what is your best tip on keeping safe from fires at home?"

"do solar panels make more power than the average 24 meter windturbine?"

"What's the difference between designing buildings as an engineer and being an architect?"

"How flammable are christmas trees and does it change when their fully decorated with lights and tinsel?"

"What is the difference in the structure of a building in space compared to one on earth?"

"how does the eifel tower stay up?"

Examples of good engagement

Roma got a lot of questions about her appearances on TV, but she was very good at keeping the chats engineering based. There were also discussions about how to apply engineering to make our world a better place:

"What are your views on engineering a solution to world poverty?" – topgeoo, student

"@topgeoo I think engineers can help out and make things improved for people in all sorts of ways. For example the very simple solution of a bottle of water (small bit of bleach) and put into a shed/dwelling to act as a light source is for me very powerful, but very simple engineering!" – Cathy Fraser

"@topgeoo great questions... engineers are working on that everyday by making technology cheaper and more accessible,.. this is to drive economica growth and help people out of povery and disease" – Jaz Rabadia

Engineer winner: Mark Greaves

Mark's plans for the prize money: *"Back in 2010 United Utilities built a pumping demo rig to use at the Big Bang event in Manchester. Over the years it has become tired and is well overdue a sprucing up. The rig allows us to engage with students at events and highlight the importance of network integrity (leaks) and how much effort is required for pumping water, all with a competitive edge too. Over the years it has been in use at many events in the North West. A refurb would allow our Engineers to continue the good work in the years to come. The photo below shows the rig at its last outing with two of our Graduate Engineers."* [Read Mark's thank you message here.](#)



Student winner: dan33

For great engagement during the event, **dan33** will receive a £20 WH Smith 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...

"My learners were buzzing when they left for lunch. They were even arguing about who which engineer should win so you've all made a huge impression on them." – Jacqueline Charlton, teacher

"students really appreciated their discussions and left the lesson pretty fired up about engineering and seem to have broadened their horizons about possible career paths. Some were even trying to arrange work experience with the engineers! – Paula Conibear, teacher

"Thanks everyone - those questions really made me think (and type fast!!)" – Cathy Fraser, engineer

"Wow, what an event! Two weeks of answering your questions and chatting to you certainly did send my head spinning, in a good way." – Mark Greaves, engineer