

science4  
**Celebration**  
*showcasing exciting careers in science*



19th April 2023

**Chair's Report  
& Evaluation 2023**



**#science4u2023**

The 20th Annual Schools Science Conference  
Presented by science4u.info  
in collaboration with University of Westminster

**Report 2023**

# Chair's report



## On the morning of Wednesday 19th April 2023 almost 100 volunteers were preparing to welcome 350 secondary school students to the 20th Anniversary of the Annual Schools Science Conference

The theme, **Science for Celebration**, was chosen as it felt apt that the 20 year anniversary for this wonderful event be a celebration because this year has seen a number of clinical landmarks worthy of celebration.

We have seen the return to normality (or nearly!) following the global pandemic and the success of the vaccination programme that has permitted this. This year has seen the rollout in the UK of the first population-wide newborn screening program using DNA, which has already saved babies' lives. Plus the first gene therapy given for T-cell acute lymphoblastic leukaemia, the expansion of artificial intelligence into clinical diagnostics, and an agreement to try two new drugs to combat antibiotic resistant microbes. We invited student delegates to use their imagination about how scientists might make further vital breakthroughs in healthcare over the next few years. Registration was swiftly followed by some brief housekeeping guidelines and then students went straight into their programme sessions.

We were delighted this year to have our keynote speakers, Professor Hugh Montgomery OBE, Professor of Intensive Care Medicine, University College London. Hugh's important topic '*What does science say about Climate change? - Twenty years ago, vested interests were running campaigns to say that human-induced climate change didn't exist. The warnings of scientists were drowned out. Twenty years later, we all know the truth: science and lived experience tells us that climate change is very real, and very dangerous. But what does science say about the next 20 years? And what must be done?*'

### There were 4 exciting sessions for the students:

#### **Science in Practice - 2 sessions (Rooms A-D & E-F)**

Over 32 hands-on interactive displays showcased what healthcare and other scientists do. This gave the students a chance to meet scientists, discover what they do and why, as well as trying some of the tasks for themselves. In this informal and fun session, the students were able to see the practical application of what they have been learning in the school classroom and gain an insight into the different career paths available to them. The activities ranged from blood transfusion, microbiology, transplantation, radiotherapy, resuscitation, physiotherapy, perfusion, immunology, histology, haematology, audiology, cardiology, genetics, pharmacy, chemistry to nuclear medicine and much more. There were opportunities to win prizes for participation. The students asked lots of searching questions, including what the scientists enjoyed about their jobs and what qualifications were needed.

#### **Science for Experimentation** Supported by **The Association for Clinical Biochemistry & Laboratory Medicine**

This was an opportunity for the students to present research of their own in order to win the **The Association for Clinical Biochemistry & Laboratory Medicine Trophy** for **The Don Henderson Award**.

The standard of research and presentation was excellent, and the judges had a difficult time in determining the winners, however, **Fortismere School** were the proud winners.

#### **Give it a Shot!**

**The Royal College of Pathologists** put on a major workshop. Students joined The Royal College of Pathologists for an action-packed workshop all about vaccines, herd immunity and infectious diseases. Led by pathologists and Clinical Scientists, *Give it a shot!* offered students the chance to explore the consequences of choosing to vaccinate or not vaccinate, using the MMR vaccine as an example. The carousel of activities included a hands-on wet practical and an interactive discussion about infectious diseases and vaccine hesitancy.

This workshop linked into Key Stage 4 science curriculum: Health, disease and the development of medicines

- the relationship between health and disease
- communicable diseases including sexually transmitted infections in humans (including HIV/AIDs)



- bacteria, viruses and fungi as pathogens in animals and plants
- body defences against pathogens and the role of the immune system against disease
- reducing and preventing the spread of infectious diseases in animals and plants
- the process of discovery and development of new medicines

We were also delighted this year to have Paula Bull, STEM Clubs London, STEM Learning Network Partners, providing a CPD Teachers' workshop - *'Embedding careers support in a STEM Club - Help your students understanding and knowledge of STEM careers and employability skills. Integrate real world context to your STEM Club activities, support the school careers plan and engage with STEM Ambassadors'*.

## Feedback

Feedback has been very positive. All teachers found the event was of benefit to their student. The most beneficial aspects being:

- *Ability to speak to professionals and ask questions*
- *Carreer diversity and presentations*
- *Insight to use of science*
- *Interactive displays*
- *Hands-on practice*

The teachers commented that **It was excellent**

Most importantly the students had a great educational time with comments including:

- *Broaden my horizons and it was very beneficial to speak to professionals*
- *Today's event heavily changed my view on science; made it more interesting!*
- *I've learned more new things and found the experience very enjoyable*

The Organising Team is very grateful to all of our presenters for giving their time and for their inspirational sessions. We are also indebted to the **University of Westminster** and our many sponsors. Our Gold sponsor for 2023 was **CA Redfern Charitable Foundation** without whom these events would not take place.

A huge thank you to our silver sponsors:

- **GOSH Healthcare Scientist Education Working Group**
- **Philip King Charitable Trust**
- **Strand Parishes Trust**
- **Westminster Almshouses Foundation.**

**Kimberly Gilmour & Stuart Adams**

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Joint Chairs of the Organising Committee

# Chair's Report

# Attendees

## Demographics



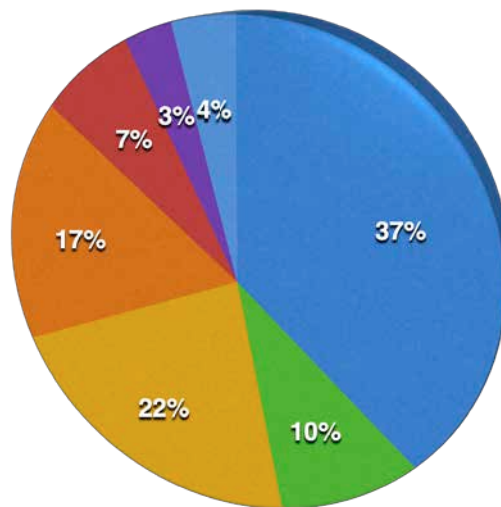
The 20th Annual Schools Science Conference - **Science for the Celebration** - was held in collaboration with the **University of Westminster** on 19th April, 2023

This is a conversational event aiming to bring scientists and students together to discuss science and science careers. A total of 345 students aged 11-16 from secondary schools and colleges across London attended the event which was

organised by an enthusiastic group of volunteers.

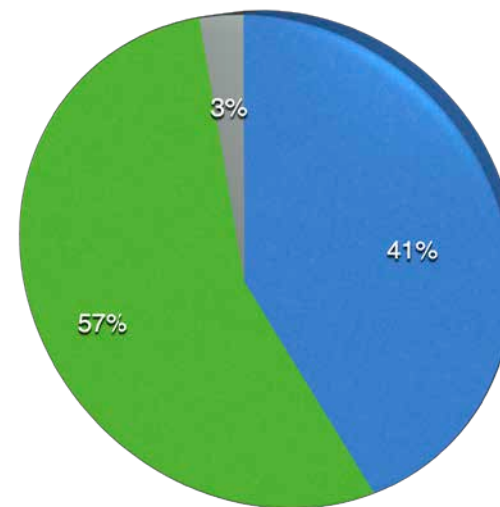
The students and teachers were asked to complete an evaluation form and this is the summary of the responses.

### Ethnicity



- White
- Mixed
- Asian / Asian British
- Black / Black British
- Arab
- Other
- Prefer not to say

### Gender



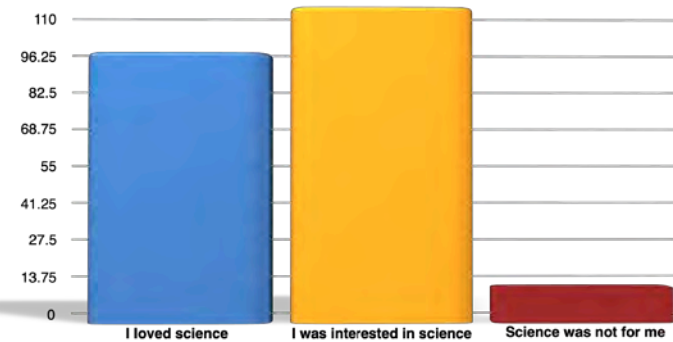
- Male
- Female
- Prefer not to say

# Students' Evaluation Science

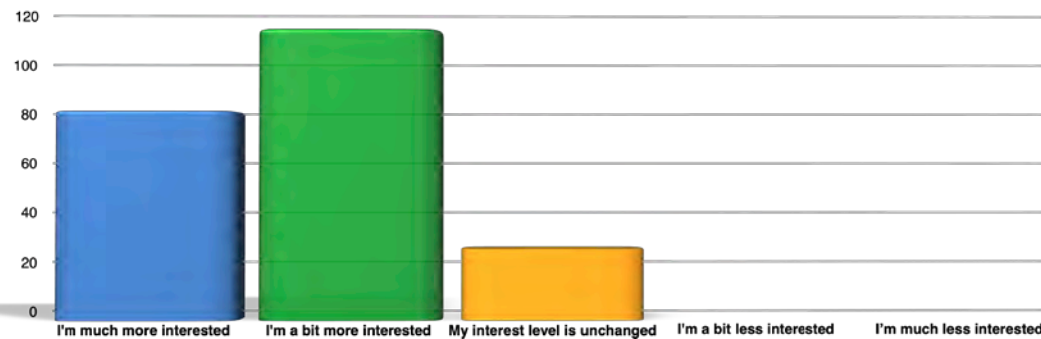


# Evaluation Report

**How I felt about Science**



**How has this event affected your interest in science?**

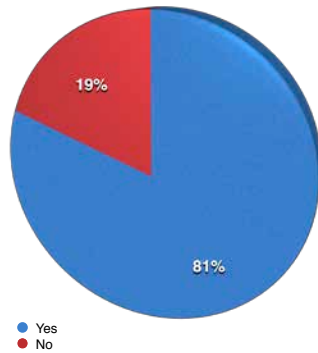


# Students' Evaluation Careers

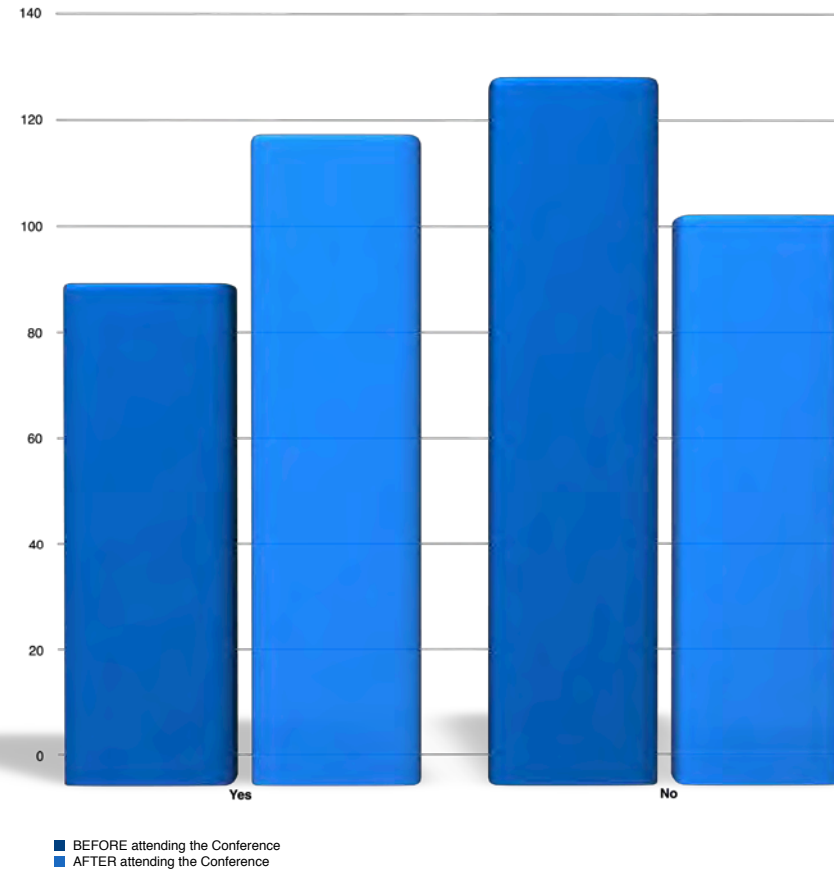


# Evaluation Report

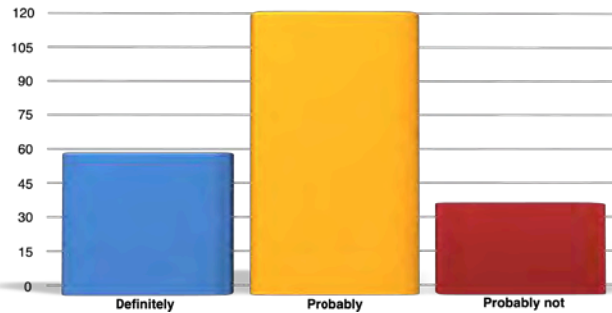
Had you considered a career in science?



Had you considered a career in NHS?



Are you more likely to consider a career in science?

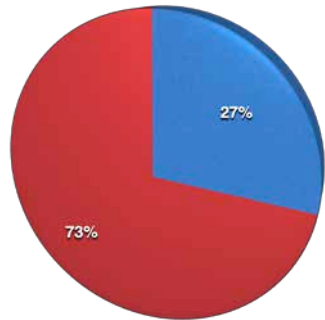


■ BEFORE attending the Conference  
■ AFTER attending the Conference

# Students' Evaluation Education

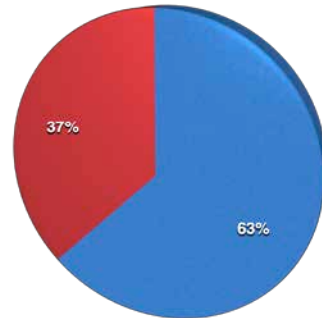


**Were you aware that there are healthcare science careers that do not require a university degree?**



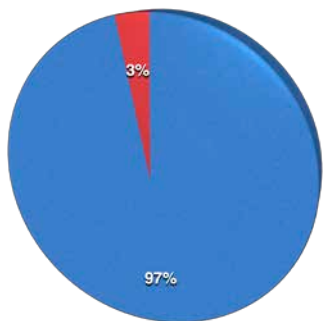
• Yes  
• No

**Have you visited a University before?**



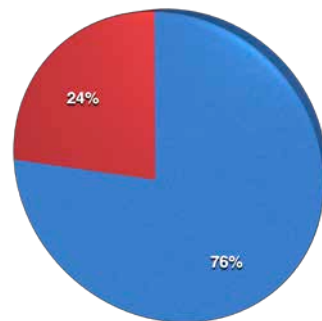
• Yes  
• No

**Do you intend on going to University?**



• Yes  
• No

**Have you heard of the University of Westminster?**



• Yes  
• No

**What are the biggest barriers to achieving your education goals?**

- Accessibility
- Achieving high grades to go to university
- Anxiety from tests
- Because I find it difficult to focus
- Being able to afford to go to university
- Being able to focus well
- Being good at business
- Being indecisive
- Being lazy
- Commitment and capacity of knowledge
- Commitment and staying persistent
- Competition; coming from a state school
- Consistency
- Cost of going to uni
- Distance; because I want to work or study in the USA
- Distraction - Motivation - Procrastination
- Education system being eroded by government
- Effort
- Financial issues
- Focus – Time management – Motivation
- Focusing and being persistent on my journey
- Furtherment in education needs more insight
- GCSE/A-level scores
- GCSEs and dyslexia
- Getting distracted
- Getting good grades for GCSE and getting in a good sixth form Academy
- Getting on top grades to get into a top Uni
- Getting the grade to be able to go to higher education
- Good GCSE and A-level results to get to a good university
- Googles and anxiety and pressure
- Grades and a high amount of effort
- Having time to revise as I do lots of extracurricular activities
- Homework
- I can't do maths
- I can't revise
- I come from a state education school where there are fewer opportunities

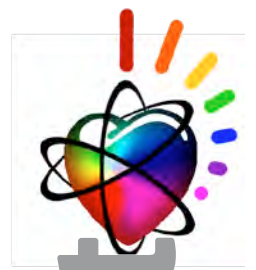
# Students' Evaluation Education



- I don't have motivation to revise
- I don't know much about science
- I give up easily and don't believe in myself; also, I don't think I'm smart enough
- I have no barriers; I need to find a subject I enjoy
- I'm unclear about specific job roles; Uni can be costly
- I struggle to focus and concentrate on my work
- I struggle to stay on task when revising
- I'm dyslexic
- I'm too pessimistic
- Immense workload from the subjects
- Income
- Interest and tuition
- Knowledge/awareness of how to continue in education and motivation
- Knowledge/memory
- Lack of concentration
- Lack of focus/motivation
- Lack of opportunities and tuition fees
- Lack of support and extracurricular courses
- Language/English
- Laziness
- Making myself revise
- Making, organising and maintaining time to revise and study
- Maths
- Maybe my anxiety
- Mental health
- Migraines
- Money – Motivation – Procrastination
- Money to fund it
- Money; Uni can be expensive
- Money/Student debt/Anxiety (severe)
- Motivation and money
- My brain gives up easily
- My confidence and grades
- My dyslexia and how long university will take
- My focus and attention span
- My grades
- My lack of understanding towards scientific careers
- My location
- My skin colour
- My smartness
- Myself and motivation
- Myself; I often lack motivation
- Not as fun
- Not enough education
- Not feeling smart enough
- Not getting accepted into a university
- Not having plans
- Not having the right mindset
- Not many opportunities that I know of
- Nothing
- Own mindset
- Parents
- Passing GCSEs
- Procrastination and distraction
- Race, religion and not being exposed to many opportunities
- Self-drive
- Self-discipline
- Self-doubt/stress
- Short attention span
- Sometimes I have no motivation to do anything
- Stress
- The amount of content being explained properly
- The amount of work and revision needed for high grades
- The education system of the country I'm from
- The level/amount of work required
- The pandemic affected my education and my goals a lot
- The universities can be quite costly
- There aren't any barriers
- Time and effort
- Time management and effort
- Time management; not enough time
- Too confident
- Tuition
- University being far away from home
- Unsure what to focus on
- Untreated symptoms of ADHD; struggle with memory and concentration
- Wanting to pursue other dreams
- Working hard and putting in more effort outside of school



# Students' Evaluation Expectation



## What do you want to get out of this event?

- A better understanding of science
- A bigger understanding of what to happen after secondary school
- A clear achievable option for university
- A deeper understanding of different job opportunities
- A good experience of how universities operate
- A greater interest in science
- A new perspective
- An idea of what I may want to do in the future
- An opportunity to visit a University
- An understanding of science
- An experience
- And understanding of more subjects in science careers
- Be more informed
- Become more knowledgeable in terms of science
- Better idea on science career information about different sciences
- Better scientific knowledge
- Better understanding assigns careers
- Better understanding how to apply for science careers
- Better understanding of jobs in healthcare
- Better understanding of medical subjects
- Better understanding of roles in science
- Better understanding of science
- Better understanding of science careers
- Better understanding of the careers in science
- Broadview of science
- Career advice
- Careers info
- Clarity on a path to choose
- Confidence
- Deeper understanding of different careers
- Education, freebies, interesting activities
- Entertainment and knowledge
- Expanding knowledge
- Expanding my scientific knowledge
- Experience
- Experience and knowledge
- Freebies
- Fun and information
- Further scientific knowledge
- Good qualification
- Greater understanding
- How to get into science
- I want to know how going to university would be good
- I wanted to learn about the career in science
- Ideas for careers
- Information
- Information about different careers in science
- Information about potential science careers
- Information about science
- Information on careers
- Information on degrees
- Information on job opportunities
- Information on science careers
- Information to benefit me for the future
- Information, insight
- Insight into a STEM career path
- Insight into medical careers
- Insight on how University will be in the future
- Interest in different areas of science
- Interesting stuff
- Interesting things
- Introduction to lesser-known fields in science
- Knowledge
- Knowledge – strengths – integrity
- Knowledge about careers in science
- Knowledge and fun
- Knowledge and understanding and wisdom
- Knowledge more careers
- Knowledge of science
- Knowledge on biology
- Knowledge on science careers
- Larger knowledge within science
- Learn about careers
- Learn about different careers
- Learn more

# Students' Evaluation Expectation

- Learn more about careers
- Learn more about different careers
- Learn more about different science roles
- Learn more about jobs
- Learn new things and keep career options open
- Learn something new
- Learning opportunities in science and possible jobs
- Learning something new
- Learnt about science
- Life tips
- More information about different careers
- More information about science in real world
- More informed about science
- More interest in science
- More jobs in science
- More knowledge
- More knowledge about careers in science
- More knowledge about science careers
- More knowledge for university
- More knowledge on science
- More opportunities
- More scientific knowledge
- More understanding
- More understanding of science
- More understanding of science careers and fun
- Motivation to be interested in science
- New experience
- New facts
- New information
- New knowledge on science
- New skills and knowledge
- Phone
- Practical experience
- Renew my interest in practical science
- Scholarships or recognition opportunities
- Science in the real world
- Science knowledge
- Scientific knowledge
- Scientific knowledge and communication skills
- Talking to professors
- The path to achieving my dreams as a forensic scientist
- There are lots of options
- To explore different areas of science
- To find out about more jobs
- To gain more knowledge
- To learn
- To learn new things about science
- To learn something interesting I can brag about my friends
- Training skills and advice
- Understanding
- What to put on my CV
- Where I can go to university



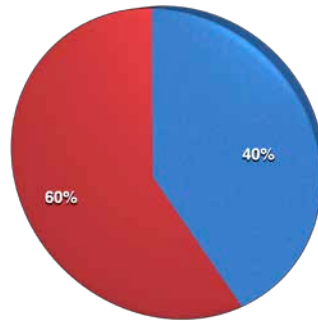
# Evaluation Report

# Students' Evaluation Influence



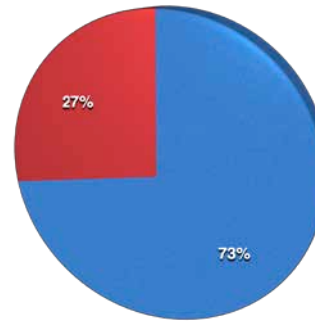
# Evaluation Report

**Has this event changed/influenced your subject choices?**



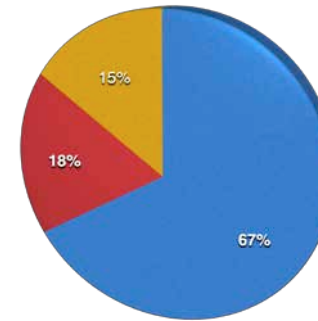
● Yes  
● No

**Did you have prior knowledge of the topics at the event?**



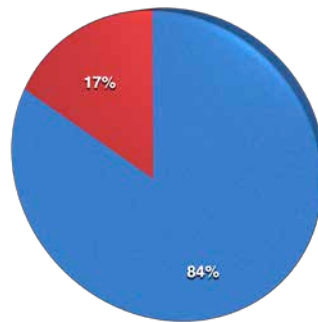
● Yes  
● No

**What do you think you have gained from the event?  
Better understanding of...**



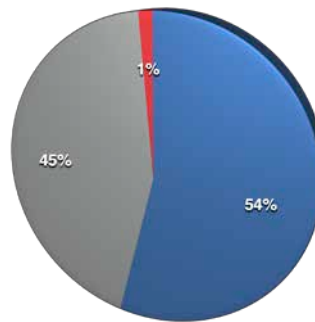
● Routes to science subjects  
● How to choose science subjects  
● How to apply for science subjects

**Do you feel your skills have improved as a result of the event?**



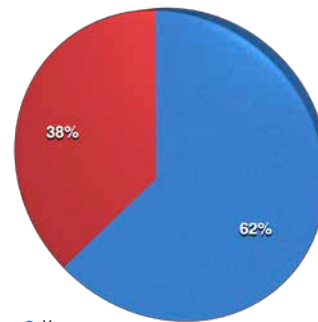
● Yes  
● No

**Are you more likely or less likely to consider going to University?**



● More likely  
● Unchanged  
● Less likely

**Has this event made you more interested in studying at the University of Westminster?**



● Yes  
● No

# Students' Evaluation Influence



## How has this event affected your perception of the University of Westminster?

- A good university for science degrees
- A great university for STEM
- A wide range of courses to choose from
- Better than I imagined it would be
- Bigger than I thought
- Didn't know how good it was
- First impression, very good university
- Gave greater understanding of options, students, staff and infrastructure
- Gave me a big insight into the different pathways; looks very interesting
- Gave me an insight into the building and its topics
- Good
- Good for science related jobs
- Good uni
- Had a very good effect as I like university mall
- Had no idea how fast the University of Westminster was in terms of science
- I didn't have an opinion before but it looks like a nice university
- I didn't know about it there's anything other than a university but now I know that it is a good learning environment
- I didn't know existed
- I didn't know existed, now I do
- I enjoy the experience and I like the look of the University
- I feel like it's very educational
- I have become very interested towards this university and its aims
- I have experienced it for the first time
- I have found that this university is better than I thought
- I have never heard of it before today but now I'm really interested
- I knew it was a good university already
- I know about it now
- I know the location of the subjects it teaches
- I might want to go to this university when I'm older
- I now know that there are more options you can choose
- I saw what I could do here which is amazing
- I think it's great
- I think that the University is very inclusive and it seems like a good university
- I think the people stuff and grounds are so nice and I would definitely consider going here now
- I think this university is an amazing choice for someone considering a career in science
- I view the University as being a good place for STEM which I did not know before
- I was able to see the University and what it has to offer
- I will be considering it as part of my future
- I'm more interested in what it does
- I'm more likely to go to university
- I'm sure it's great but it's about convenience for me
- Interested in coming here one day!
- Interesting area to study
- It feels like an interesting place to study
- It gave me an insight of the different opportunities and jobs available I'm going to University of Westminster
- It has become more of an option for me after I leave school
- It has good equipment
- It has good opportunities to develop the scientific knowledge
- It has in a positive way
- It has lots of different people doing different things
- It has made me realise that it is a really nice place to learn
- It has showed me the different areas of science which were very interesting
- It is a good place, the people are nice; I will definitely consider it
- It is a good university
- It is a really good university
- It is a university with a range of different choices for a variety of career paths
- It is a very good university
- It is a very interactive school
- It is affected my perception greatly in a positive way
- It is broadened my range of careers related to science
- It is made me want to study here
- It is showing me the kind of careers and a future in science
- It is shown me what the University can teach me
- It is very big and has great people
- It is very inclusive
- It is very knowledgeable with great facilities
- It is very open; careerwise, many opportunities

# Students' Evaluation Influence

- It looks cool
- It made it more appealing
- It made me guys consider going to this university and explore more
- It made me more interested
- It made me more likely to choose a career in medicine
- It made me realise it might be a good university choice
- It makes me want to study here
- It seems like a cool place to go
- It seems like a cool place; really interesting branches of science^p
- It seems like a significant university
- It seems more interesting to show me many different fields I could go into
- It seems more science focused; I didn't know this before
- It seems really nice and welcoming
- It showed me the courses and the willingness of the teachers in my learning
- It was nice and pretty
- It's a good university
- It's a nice university very good uni; considering this uni now
- It's a really good university and everybody is so helpful and respectful
- It's a show me the way healthcare works how to get into the career
- It's a very nice university
- It's an alright university that can expand your knowledge and view of the world
- It's good
- It's nicer than I imagined; nice people, too
- It's open my eyes to the opportunities
- It's pretty good
- It's quite good
- It's very big full of well educated people
- It's good
- Made me realise abundance of scientific knowledge there is to gain at Westminster
- Make me understand open University is for studying science
- More positive-I did not know about it before
- Much cooler than I thought
- My mother studied here as well so now that I've seen it I want to study here
- Nice facilities
- Positively
- Quite interesting university with nice environment
- Seems like a good place for good opportunities
- Seems like a school with a lot of personalities
- Seems modern and a good way to find connections into careers in science
- Seems nice
- Sounds interesting; able to feel what it is like
- Supercool
- The University seems a lot more interesting and helpful with careers
- This is my local university so I already knew a lot about it and considered coming here
- University of Westminster has led to many great careers for young people
- Very cool
- Very good
- Very good school; not for me, but good
- Very nice
- Very science focused environment
- Yes it has in a very good way!
- Yes it made me understand the work they actually do here and how lovely it is
- Yes, it is very sophisticated



# Students' Evaluation Comments



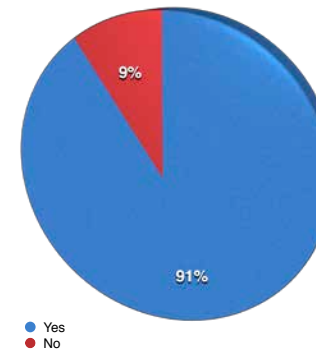
## Are there any comments you would like to make about today's event?

- Amazing
- Amazing! Want to do it again
- An interesting event for science-loving pupils
- Brilliant! Fun activities and kind staff
- Broaden my horizons and it was very beneficial to speak to professionals
- Content was intriguing and fascinating
- Enjoy the environment and informative stalls
- Enjoy the stores with different aspects of science
- Enjoyable and interactive; however, it was too focused on biology and chemistry with little to no engineering and physics content
- Enjoyed learning new information about jobs I hadn't heard about
- Ensure venue has necessary ventilation
- Fun, informative and interesting
- Helpful in narrowing down the career path for you
- I enjoyed each workshop room and learned lots about health
- I like that there is a large variety of different aspects of science
- I like that there were many different activities
- I like the prices and learn from doing experiments
- I like the sweets and the free things and how you can get involved
- I liked it
- I love pathology
- I love the freebies and learning about DNA and leukaemia
- I loved the activities; learned many things they don't teach in school
- I really enjoyed it and learnt a lot so thank you!
- I really enjoyed it and will consider coming here for University
- I really enjoyed the event and the staff were lovely – thank you!
- I really liked how interactive and practical it was
- I really liked it it was very enjoyable and very informative
- I saw different aspects of science but I never knew before
- I think it should be more interactive activities because it was very boring; bribing with sweets does not help
- I was tired but that was kind of my fault
- I've learned more new things and found the experience very enjoyable
- Interesting
- Is there going to be more of these?
- It slayed!
- It was a great new experience!
- It was a pleasure to attend I would 100% do it again
- It was all very interesting and inspiring – loved all the freebies
- It was amazing
- It was amazing and really learned from it
- It was amazing! Well done
- It was fun
- It was fun and interactive
- It was fun, entertaining and it made my day
- It was good
- It was great made me consider some fields in science
- It was lovely and if I had the opportunity and go again
- It was really fun!
- It was very congested
- It was very fun and interactive
- It was very good for finding new careers in science; would be good to have more interactive activities
- It was very influential and helped guide me for future career choices
- It was very informative and interesting! Lots of detail
- It was wonderful
- It would've been better if we could sit down and if the rooms were not so crowded
- Like the freebies
- Loved it; keep up the good work!
- Loved it! Super fun, but would have loved a bit more time! Thank you :-)
- More chairs available to sit on; also use better stickers
- Really enjoyable but a bit crowded but I loved it!
- Really enlightening and exciting; definitely recommend to friends
- Really exciting trip; very fun and overall we had a good time
- Really fun I love the interactivity and the freeness to walk around
- Really nice people and amazing things to learn about :-)
- Some of the rooms were claustrophobic due to how many people were in them
- Thank you for allowing us to experience different sciences and get to see Westminster University up-front
- The activities were a bit boring to me there was too much information; maybe more experiments and interaction
- The event was very useful for learning about science careers

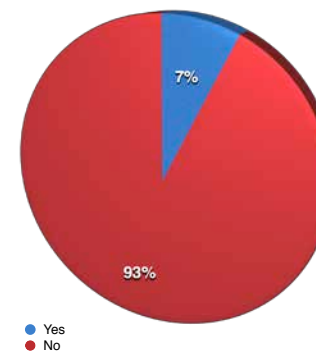
# Students' Evaluation Comments

- The Hot Chocolate presentation was awesome (helped persuade my teacher to give us hot chocolate)
- The practical events were the best; very fun to interact with what real scientists use
- The staff are really nice and enthusiastic
- There were various activities to try and they were very interesting and active
- They were nice people and it was interactive
- Today's event heavily changed my view on science; made it more interesting!
- Too many schools at once, badly planned
- Too much standing
- Very engaging and interesting
- Very engaging; learned a lot. We go again.
- Very enjoyable; thank you for a lovely day
- Very enlightening about the varieties of different types of sciences
- Very entertaining
- Very fun
- Very fun and interactive
- Very generous
- Very good
- Very good interactive experiences
- Very good staff; very kind
- Very good, very nice
- Very interesting and entertaining
- Very interesting; learnt a lot of amazing things
- Very interesting; many in activities to interact with and many presenters to explain and teach what is going on - helpful for exploring careers in science
- Very scary presentation
- Was very unique and inspiring but very long and in some places repetitive

**Would you recommend this event to your friends?**



**Have you used the conference website [science4u.info](http://science4u.info)?**



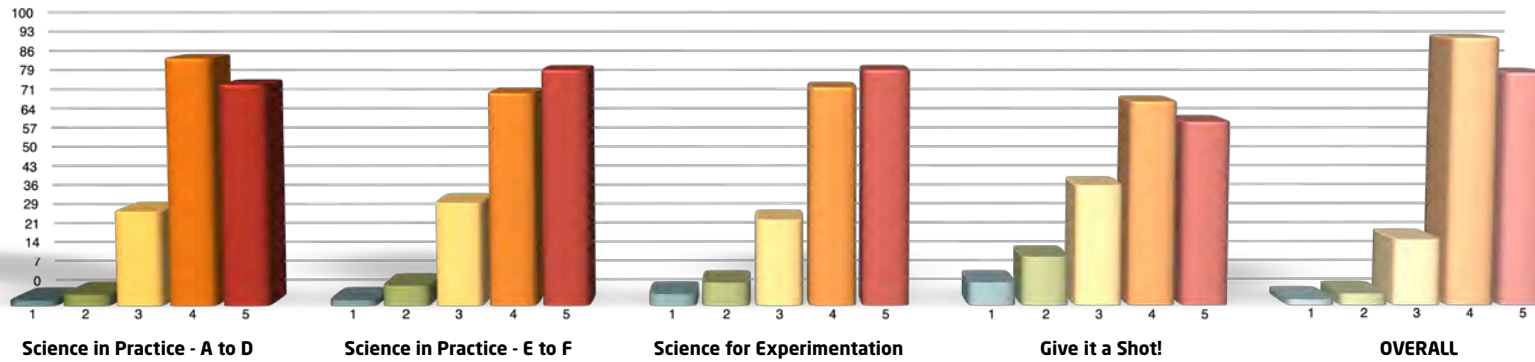
# Evaluation

## The Activities



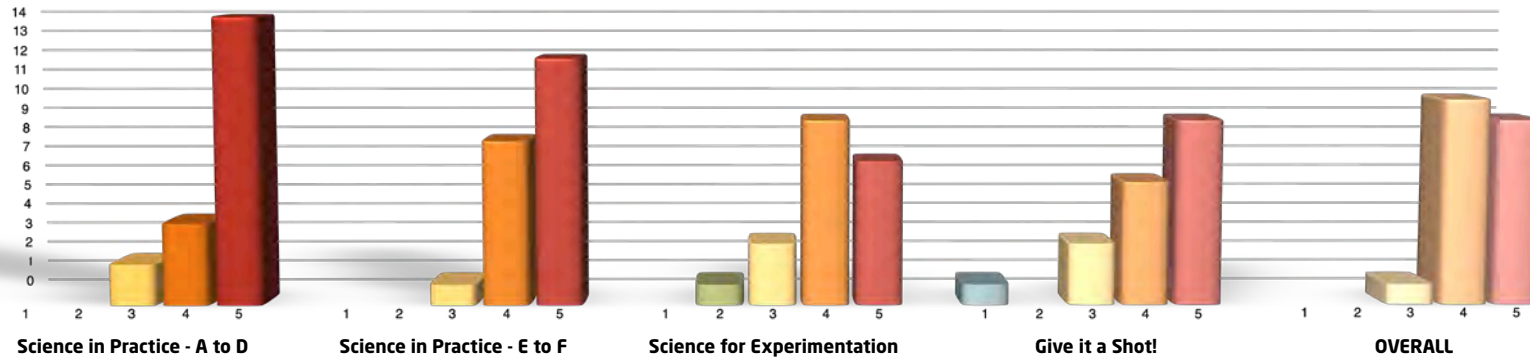
### STUDENTS

How would you rate the activities?



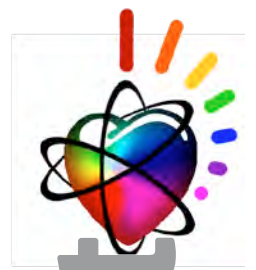
### TEACHERS

How would you rate the activities?





# Teachers' Evaluation Comments



# Evaluation Report

## What issues, if any, have made it difficult for you to attend and is there anything we could do to change that?

- 09:30 school travel time
- It was excellent
- No issues, the school is very receptive to the conference
- None (virtually all responses, bar the few comments below)
- Provision of student presentations via Google would be more effective

## How could we improve this event for you and your students?

- A more organised transition from room to room
- Accessible water and toilet breaks
- Can't think of anything
- Chaperones could tell us when to move on to the different areas (we missed two rooms in A-D)
- Cooler/bigger rooms
- Further support with lunch arrangements
- I was glad to know we could use the lifts
- Make the journey between sessions smoother/less busy
- More allocated time
- Nothing - it is amazing!
- Presentation conditions; too bright and presentation is not working properly
- Too busy and hot in the rooms

## STEM Ambassadors

- Ensure presentations are looked up before; the GIFs on our slides showing our experiment couldn't be shown
- Send resource packs; periodic table posters

## What was of most benefit?

- Ability to speak to professionals and ask questions
- Career diversity and presentations
- Disease pathology
- Engage students in careers
- Hands-on practice
- Importance of vaccinations
- Insight to use of science
- Interacting with with sterling professionals who play an active role external to school
- Interactive displays
- Interactive. Experts. Relevant.
- Meeting all healthcare professionals
- Meeting scientists and having representation
- Research project and interactive sessions
- Science for Experimentation
- Science in practice
- Science in Practice A-D; lots of career insights
- Students introduction to professions
- Talking/meeting people
- The range of sectors
- Variation of careers

## What was of least benefit?

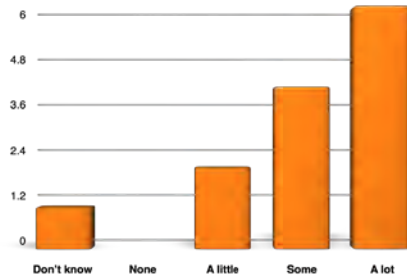
- Give it a Shot! (only because it was a little overcrowded)
- Give it a Shot! workshop
- Give it a Shot!; sitting/standing in large groups for a long time listening
- Herbal medicine
- Not enough time
- Not enough transition time
- Too busy and too many students around one table
- Transitions were quite chaotic as over multiple floors and we lost our guides at one point

# Teachers' Evaluation Impact

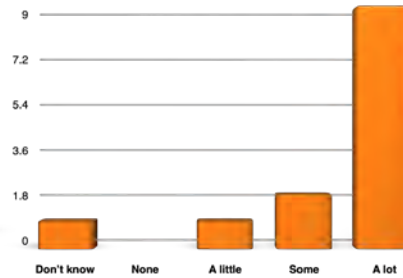


# Evaluation Report

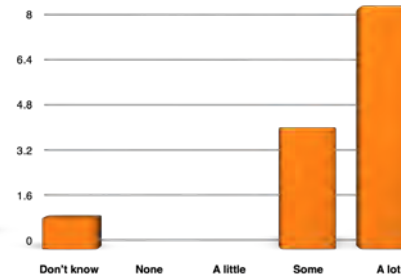
If your school has attended one of our previous events, what impact did it have on those students' subject choices?



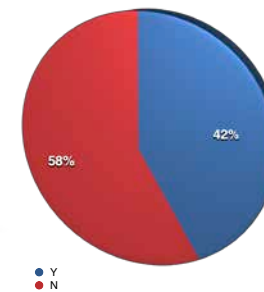
If your school has attended one of our previous events, what impact did it have on those students' career aspirations?



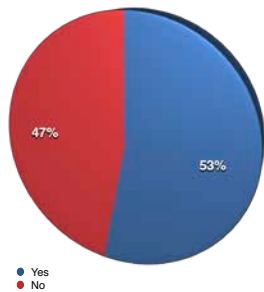
If your school has attended one of our previous events, what impact did it have on those students' motivation to study science?



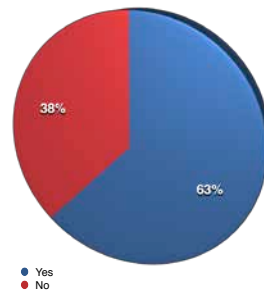
Do you know of any instances where students attending one of our previous events have chosen a career pathway into science?



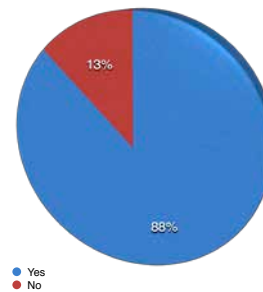
Have you used the conference website [www.science4u.info](http://www.science4u.info)?



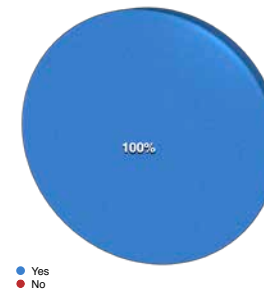
Will the Virtual Laboratory tour help with your lesson plans?



If your students have not presented in 2022 would you now look to present in 2023?



Was this event useful to you and your students?

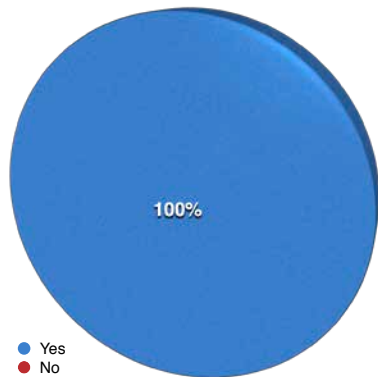


# Volunteers' Evaluation

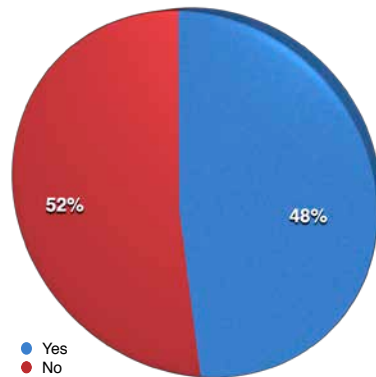
## Comments



### Was this event useful to you or your organisation?



### Have you used the conference website [www.science4u.info](http://www.science4u.info)?



### Has the event been beneficial to you or your organisation?

- Allowed us to meet possible future students
- Allows our staff to showcase their skills and build on the public speaking skills and confidence
- Beneficial to RMH
- Chance to discuss signs with school pupils and teachers
- Encouraging students to consider a career in biomedical science.
- Getting our lamps out in the public so they understand what we do and what careers are available in the NHS
- Gives insight into what students understanding of our profession is and reinforces our knowledge.
- Good interactions with students to explain the roles within LAS
- Good to engage with the youngsters

- Has been beneficial to us individually for continuous professional development. We enjoy interacting with students who are looking forward to their future careers. It is an opportunity for us to promote our great professions!
- Helps exposure to pharmacy based careers
- Helps to show what we can offer students and increase the university visibility
- It has been wonderful meeting these enthusiastic youngsters.
- Learning to convey what we do with students, teachers and other members of the public. Improving our communication skills.
- Outreach
- Price promoting the NHSBT and in particular the HI department and the work involved in helping lives
- Promoted my profession; great to increase the workforce
- Promoting the importance of STEM to school students
- Raises the profile of our centre and also great to network with other volunteers
- Represent great Ormond Street and highlight the routine work and clinical trials that are being done.
- Sharing our school offer with teachers
- Showing our career for future colleagues
- Spoke to people about jobs they previously didn't know existed
- Spread the word about hearing health and hopefully encourages others to go for hearing assessments
- STEM ambassador volunteer engagement with students
- Students interested in science
- This identifies the trust as an academic forum for students
- To bring exposure to radiopharmacy
- We got to promote healthcare professions
- Who provided us with a chance to introduce people to neurophysiology

### What have you enjoyed about the event?

- Discussing with other volunteers from other professions
- Engaging with students
- Engaging with young students are passionate about science
- Enthusiastic students and teachers

# Volunteers' Evaluation

## Comments

- Extremely well organised day and admin before was well communicated
- Getting to see what other labs do
- Giving hands-on experience with microscopy
- Good questions from students
- Having discussions about medicinal plants and ethnopharmacology
- Hearing about what they're interested in as a career
- Interact on science with teenagers
- Interacting with students who had never heard of us in answering their questions
- Interacting with the students
- Interacting with the young buds; all of them were enthusiastic and curious
- Interaction with students
- Interactive students
- Meeting colleagues from other professions and running our stand
- Meeting other healthcare professionals
- Meeting students and finding out what they know about trials
- Meeting students who showed an interest in our profession and potentially opening opportunities for the future
- Meeting the kids and hearing their perspective
- Meeting the students
- Meeting the students and staff
- Meeting the teachers
- Seeing the other scientific professions
- Seen the children's enthusiasm about science talking about aspects of our profession we don't usually discuss
- Small groups
- Speaking to the other healthcare professionals and mentoring and speaking to the students and teachers
- Students had a good amount of time to build an interaction
- Students interested in science
- Students were lovely
- Teaching students about leukaemia
- Teaching them about the different cells of the immune system
- Telling people about nuclear medicine
- Thanks for the lunch
- The questions from the pupils and the atmosphere
- The students interest
- Well organised

### What can we do to improve the event in future?

- Advertise in advance the table sizes and display stand dimensions
- As volunteers we would learn and improve our demonstration; possibly having some examples for first time volunteers would help
- Better and more consistent flow of students
- Better organisation in splitting the groups for the available stall space
- Bigger age group
- Bigger room; More space for students
- Found event to be very well organised and ran to time
- Having smaller groups so that everyone can engage
- I think it is all great as it is!
- If at all possible, to have the option of digital screens for posters instead of boards and having to print paper
- Increase the timeframe for the interactive activities
- It was a little chaotic; more orderly groups
- It's croup some more broken up
- Large groups of students are much harder to engage in Science in Practice; smaller groups would be better
- Make sure the students are directed to spread out to the different stands instead of focused at one at a time
- Maybe a bigger area with all stands together?
- More organised on the day brackets not clear when finished)
- More signposting
- Nothing! Much improved from last year with smaller groups and more staggering so have more time to talk and explain to the students
- Perhaps students having a list of professions and careers so income prepared with questions
- Provide spaces or post to stands for large posters
- Seems fairly well organised
- Shorter lunch break
- Signposting the location of the room
- Slightly shorter lunch break would be preferred
- Smaller groups of students
- Smaller groups of students; quite tricky speaking to large groups all at once, especially with limited space
- Some groups were too large for the space
- Well organised



# Acknowledgements & thanks

<p><b>Science for Celebration</b> was made possible thanks to the very generous support of our key sponsors</p>	<p>Funding</p>	<p>Thanks also to the following organisations for their generous support</p>	<p>Supporters</p>
<p><b>CA Redfern</b> Charitable Foundation</p>	<p>Gold</p>		
<p><b>Great Ormond Street Hospital</b> Healthcare Scientist Education Working Group</p> <p> STRAND PARISHES TRUST</p> <p> WESTMINSTER ALMSHOUSES FOUNDATION</p> <p><b>Philip King</b> Charitable Trust</p>	<p>Silver</p>		





## Organising Group 2023

- Don Henderson**  
Founder
- Kimberly Gilmour**  
Co-Chair  
Great Ormond Street Hospital for Children NHS Foundation Trust
- Stuart Adams**  
Co-Chair  
Great Ormond Street Hospital for Children NHS Foundation Trust
- Sue Alexander**  
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- Fred Bonful**  
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- Penny Fletcher**  
The Royal College of Pathologists
- Chris Gallimore**  
UKHSA
- Paul Hudson**  
University of Westminster
- Thadcha Retneswaran**  
The Royal College of Pathologists
- Sharon Gage**  
Event Organiser  
SRG Project Management

## science4u is grateful to the following organisations and their staff for their kind participation and enthusiasm

- Barts Health NHS Trust
- Great Ormond Street Hospital for Children NHS Foundation Trust
- Health Services Laboratories
- Imperial College Healthcare NHS Trust
- Institute of Biomedical Science
- King's College Hospital NHS Foundation Trust
- London Ambulance Service NHS Trust
- NHS Blood and Transplant
- NHS England – London
- North West London Pathology
- Queen Mary University of London
- South West London Pathology
- SRG Project Management
- St George's University of London
- STEM Ambassador Hub London
- STEM Clubs London
- Synnovis
- The Institute of Cancer Research
- The Royal Marsden NHS Foundation Trust
- UCL
- University of Westminster

### Key content creators



# Encatchment

## Location of schools attending



### Attendees

- Al-Sadiq and Al-Zahra Schools
- Bishop Douglass Catholic School
- Chingford Foundation School
- Eastbury Community School
- Eastlea Community School
- Ellen Wilkinson School For Girls
- Fortismere School
- Heartlands School
- Lammas School
- Leytonstone School
- Marylebone Boys' School
- Park View School
- Prendergast Vale School
- Ricards Lodge High School
- Richmond Park Academy
- The St Marylebone School CE School
- Thomas Tallis School

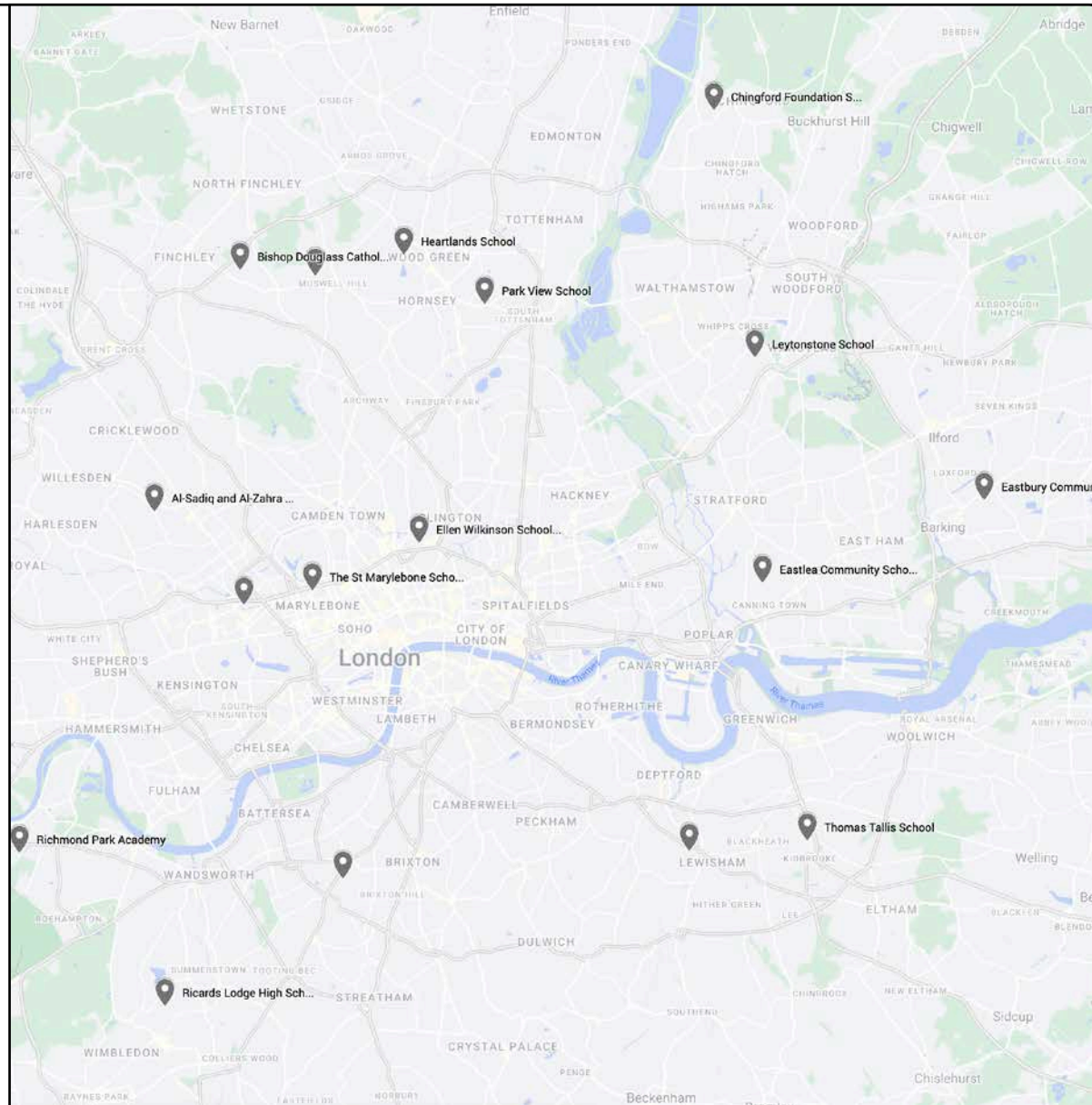
**44%**

Receive  
Pupil Premium Funding  
/ Free School Meals

**47%**

Speak English as a second language

*Median, based upon data from 15 schools*



Evaluation Report