

Top of the Bench Competition Preliminary Round

Saturday 23rd November 2019

School of Chemistry University of Birmingham



UNIVERSITY OF
BIRMINGHAM

Welcome to the School of Chemistry.

We hope you will have an enjoyable and interesting day.

“The RSC’s annual schools’ chemistry competition fuels curiosity and excitement about chemistry!”

Top of the Bench is a national competition for KS3 and KS4 students designed to encourage and reward high achievement in school chemistry students.

Teams from the following schools are participating today:-

School
Bishop Vesey's Grammar School
Chase Grammar School
Concord College
Denstone College
Hamstead Hall Academy
King Edward VI Camp Hill School for Boys
King Edward VI Camp Hill School for Girls
King Edward VI High School for Girls
King Edward VI Lichfield
King Edward VI Stratford
King Edward's School - (KES)
Queen Mary's High School
RGS Dodderhill
Sandwell Academy
Tudor Grange Academy Solihull



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Programme for the Day

From 9.30	Schools arrive	CTL Foyer
09.55 - 10.00	Introduction and Welcome	CTL Foyer
10.00 - 11.00	Written Quiz – 9 Rounds	CTL Upper Floor
11.00 - 12.00	Practical Challenge	CTL Wet Lab
12.00 - 13.00	Lunch	CTL Café
13.00 - 14.00	Demonstration Lecture: Dr Rebecca Bird UoB	Ha 101
14.00 - 14.30	Final Remarks/Results	Ha 101
15.00 approx.	Dispersal	Ha 101

Refreshments are available throughout the day in the Café area

Written Quiz

There are 9 Rounds. Yr 9 student pair will work together on a separate paper from the Yr 10/11 student pair. There is to be no conferring between Yr9 and Yr 10/11 students for this part.

Practical Challenge

For the laboratory practical, all four students from Yrs 9/10/11 will work together as a team. Judges will be looking out for equal participation across the years, working safely (and tidily!) as a team. These marks will contribute to the overall score.

Photographs of the day and competing teams will be made available on the ChemReach website. If anyone does not wish their photograph to be taken, please notify the photographer.

<https://chemreach.science/totb/>

Judges

Chairman	Dr Mark S. D. Read	University of Birmingham
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University Staff

Head of School	Prof. Rachel O'Reilly
Host	Dr Mark S. D. Read
Technicians	Mrs Cheryl Powell Dr Nathan Palmer
Volunteer Helpers	Mr Joshua Fisher Miss Kiran Benning Miss Kayleigh Daglish Miss Nasra Sugal
Demonstration Lecture	Miss Rebecca Bird
Photographer	Ms Isabel Rapinett

Winning Teams

The top scoring ~10 teams (from both Birmingham and Coventry) will be invited to participate in the Regional West Midlands Top of the Bench Final on Sat 18th January 2020 from which the winning school team will earn a place at the RSC National Final

The Royal Society of Chemistry thank the **University of Birmingham** and the **School of Chemistry** for hosting this Top of the Bench Preliminary Round. A special thank you to all the people who have helped today.