

# **Top of the Bench 2021 Regional Heat**

## **Guidelines for Teachers**

The North Staffordshire RSC Local Section heat for 2021 presents a team challenge: create a poster showing how chemistry can tackle a problem in sustainability. With COP-26 taking place, we want to teams to showcase what chemistry can do to tackle climate change, inequality, and other challenges. The poster should relate to one or more of the United Nation's Sustainable Development Goals.

Teams should be made up of two year 9s, one year 10 and one year 11 student.

Schools can submit one or two teams.

The first prize is to represent the local section at the national final (taking place as a virtual event). Second and third prizes will also be awarded by the local section. All teams and schools participating will receive electronic certificates celebrating their involvement.

### **Important Dates:**

**30th of November** - deadline for posters submission

**11th January** - pre-recorded video lecture (20 minutes on sustainable chemistry) and winners announcement circulated to participating schools.

### **Poster**

The poster must be submitted by email by a teacher – we are unable to accept or respond to email correspondence directly from students.

Please make sure the students names, team name and school name are on the poster and submit the poster as a one-page PDF or high-quality

image so that there are no issues with formatting changes. The poster can be created electronically or by hand.

### Contact Details

Please contact Dr Katherine Haxton [k.j.haxton@keele.ac.uk](mailto:k.j.haxton@keele.ac.uk) with any queries, to request any reasonable adjustments for students with specific needs, and to submit the poster. The RSC guidelines for running ToTB prohibit us from corresponding directly with students, so we appreciate teachers taking the time to relay any queries or concerns.

# Top of the Bench 2021 Regional Heat Guidelines for Students



Chemistry has a really important role in tackling climate change and ensuring that people live more sustainably on the planet. The United Nations set 17 Sustainable Development Goals (UN SDGs) that tell us about different areas in which people must take action. You can find out more details about these on the SDG website: <https://sdgs.un.org/goals>

The UK is also hosting 26th UN Climate Change Conference of the Parties (COP26) in Glasgow on 31 October – 12 November 2021 (<https://ukcop26.org/>). We would like you to take inspiration from this and produce a poster that showcases what chemistry can do to tackle climate change, inequality, or other challenges. The poster should relate to one or more of the United Nation's Sustainable Development Goals.

## Poster Guidelines

Your poster must to be one page long and must include the following things:

- Title of your poster
- Name of your school
- Name of poster authors
- Number and name of the UN SDG(s) that your poster addresses
- References – web addresses, or the names of textbooks or other places where you got the information.
- Pictures or diagrams with labels
- Text
- Accurate scientific information

You may handwrite your poster or use a computer but it must be legible.

Your teacher will submit your poster either as a PDF file or as a picture.

We will be judging the posters on computers so they will not be printed.