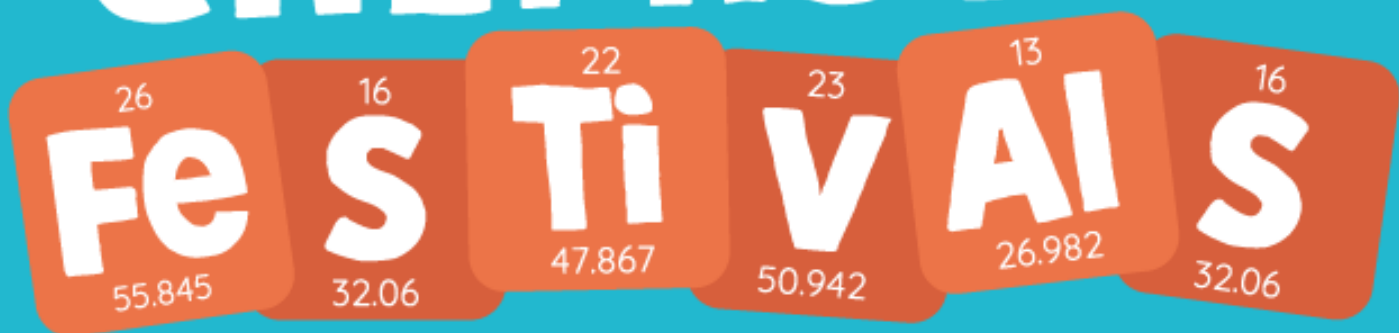


# CHEMISTRY



**Salters'**  
Institute



# 2024 SCHOOLS' INFORMATION

The Salters' Institute's Festivals of Chemistry have now introduced a three stage, hybrid approach to explore all that chemistry offers as a subject area and as a gateway to many careers.

This hybrid offering includes videos, classroom activities, day trips to universities and a team challenge.

All the resources can be found on the Festivals of Chemistry website:

[festivalsofchemistry.org](http://festivalsofchemistry.org)



## What is included in the Festivals of Chemistry Programme?

### Discover Chemistry Careers

Videos and careers lesson plans delve into chemistry as a subject, its applications and how chemistry leads to many career pathways.

There are currently 12 available and 3 new resources will be released in March 2024 for use in the classroom. Topics covered include: Medicinal Chemistry, Chemical Engineering, Green Chemistry, and Computational Chemistry.

These resources and videos link with Gatsby Benchmark 4.

### Discovery Days

13 Regional Discovery Days hosted at partner universities with an inspiring speaker, hands on practical chemistry and a careers panel. There will also be CPD provision for teachers attending.

Location	University	Date
London and South East	Queen Mary University of London	9th & 10th May
Yorkshire and Humber	University of Leeds	15th & 16th May
East Anglia	University of East Anglia	22nd & 23rd May
Northern Ireland	Queen's University Belfast	29th May
Scotland	University of Glasgow	11th & 12th June
Wales	Swansea University	18th & 19th June
Midlands	University of Nottingham	25th & 26th June

Discovery Days build on areas of curriculum including but not limited to: the development of scientific thinking, experimental skills and strategies, and chemical analysis. They also link with Gatsby Benchmarks 5 and 7.



## Example Discovery Day Timetable

Time	Activity
09:15 - 09:45	Arrival
09:45 - 10:00	Welcome
10:00 - 10:45	Guest Speaker with Q&A
10:45 - 12:30	Aspirin Synthesis Session 1 Teacher CPD
12:30 - 13:15	Lunch
13:15 - 14:15	Aspirin Synthesis Session 2
14:15 - 14:55	Careers Panel with Q&A
15:00	Departure



## Chemistry for Good Challenge

Inspire your students through this nationwide challenge that explores how chemistry is used for good and to create sustainable futures. Students work in small teams developing their understanding of chemistry and building on their independent research skills.



# Who can participate?

Festivals of Chemistry will focus on students aged **14-16 years old** i.e. Y10 (England & Wales), Y10 & Y11 (Northern Ireland) and S4 (Scotland).

**The programme is open to all schools.** Spaces at Discovery Days are, however, limited. Priority will be given to state schools which match at least one of the following criteria:

- Schools with pupils from low income backgrounds and low socioeconomic groups, including schools situated in SIMD Decile 1-4, NIMDM Decile 1-4, WIMD Decile 1-2, IMD Decile 1-4; **or**
- Schools from postcodes where participation in higher education is low, namely Quintile 1-3 in the POLAR4 categorisation; **or**
- Schools with 30% or more of students on Free School Meals (FSM).

We encourage students from all backgrounds and abilities to engage with our Festivals of Chemistry. This is an opportunity to inspire students with the potential of chemistry, motivate students to pursue the subject to an advanced level, and encourage your learners to see themselves working in and with science in the future.

## What are the costs?

There are **no costs** to participate in any stage of the Festivals of Chemistry. For schools that match one of the criteria relating to IMD, POLAR4 or FSM there will be funding available for travel and teacher supply cover to ensure that the Discovery Days are accessible for all.

Pupils will be expected to bring their own lunch on the day.

## How to apply?

Complete a registration form at <https://saltersinstitute.org/programmes/festivals-of-chemistry/>

The deadline for applications for spaces at the Discovery Days is **Monday 5th February**. Places for the Discovery Days will then be announced by the end of February.



## Contact Information

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