



A Pinch of *Salt!*

October 2018

The new academic year is well and truly upon us! It has been a busy time at the Salters' Institute, with exciting new plans in the pipeline - including finalising the Festivals of Chemistry dates for 2019!

News about the 2019 Festivals can be found below, as well as some information about our new **Technician Networks** and the **BEST** resources that are available to you for **free!**



Salter's Institute
**FESTIVALS OF
CHEMISTRY**

in partnership with



RECAP...

The 2018 Festivals season saw 53 *Salter's Festivals of Chemistry* take place across the United Kingdom and Ireland.

2924 students became forensic chemists, identifying the culprit of the missing centenary trophy; participating in an afternoon challenge and finishing the day with a fun filled lecture/demonstration!



2019...

Planning for the 2019 Festivals is well underway, with new dates already in the diary! We are pleased to welcome the University of Cumbria, the University of Hertfordshire and London Metropolitan University as hosts for the Year 7/8 Festivals. We are also delighted to announce that the University of Strathclyde will be running a second ASN Festival.

In other exciting news, dates for the Year 9 Festivals of Chemistry are being finalised!

Keep an eye on our [website](#) for all of the dates as they are released.

Festival entries will open on Tuesday 27 November.



Salters' Institute
**TECHNICIAN
NETWORKS**



The **Salters' National Awards for Science Technicians** were established to highlight the important role played by school and college technicians in supporting high quality practical work in science in their institutions.

Following on from this, and as part of the Institute's Centenary Celebrations, the **Salters' Technician Network Grants** initiative was created to support the development of networks of highly skilled and motivated technicians. As well as to provide and enhance opportunities for technicians to access quality CPD on a regular basis. Grants are awarded to previous Salters' Technician Awardwinners to set up local networks for technicians.

[Find out more about the Salters' Technician Awards](#)

In other news...

BEST[™]
Best Evidence Science Teaching

Research-evidence informed **progression toolkits**...

FREE
ONLINE
OPEN ACCESS



SUBJECT
MAPS

PROGRESSION
PATHWAYS

DIAGNOSTIC
QUESTIONS

RESPONSE
ACTIVITIES

...to help you develop the **big ideas** of science.

BEST EVIDENCE SCIENCE TEACHING (BEST)

The best teaching draws on the best evidence

BEST, a new collection of teaching and learning resources developed from research evidence by the University of York Science Education Group and the [Salters' Institute](#).

In collaboration with STEM Learning, the **BEST** resources are available online for free to support science teachers in developing evidence-based practice. Resources for the first topics are already online, including substances and mixtures, cells, and simple electric circuits.

Keep an eye out for further topics!

The **BEST** resources help you develop the big ideas of science through a series of key concepts, and can be adopted into your existing scheme of work.

A progression toolkit for each key concept provides:

- A research-informed learning pathway
- Diagnostic questions to provide evidence of learning and reveal misunderstandings
- Response activities to challenge misunderstandings and encourage meaning making.

The resources are focused on ages 11-14, and have been developed from the best available research evidence on the sequencing and teaching of key concepts, effective formative assessment and purposeful practical work.

[Download the resources for free](#)

Questions or comments? [Contact us!](#)



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