



Stoke Secondary
Science Partnership

Stoke-on-Trent Secondary Science Partnership

#4

September 2020

2020/21 update

The KS4 Science project is continuing in the Autumn term with funding through the Opportunity Area and there will be a CPD and network meeting offer together with a range of student opportunities. Given the current situation, we aim to be as flexible as possible and respond to student and staff need as much as possible.

Thank you to all those who are supporting the work of Stoke Secondary Science Partnership so far and for the input of so many science leaders and teachers who have shared their information and requests with us in order to put the CPD programme together for the Autumn Term. Please get in touch with any queries or suggestions.

SSSP contacts

Steve Birch-

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Ceri Bedford-

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For CPD and Transition – Stephen

Burrowes – sburrowes@potteries.ac.uk

Funding to support Online Learning



£1000 has been allocated to each secondary school to support home and blended learning.

The funding can be used to buy in software, to reimburse software purchased in the Summer Term 2020, to pay for staff training or to pay a member of staff to lead on online learning in Science. Other ideas on how this funding could support home learning may be able to be accommodated. Please contact Steve Birch.

[Claim Form](#)

A short action plan on how the money is to be used will need to be completed prior to the claim and receipt copies sent with an invoice. A follow up evaluation will also be requested. Please complete the form via the link to claim the funding.

Science Transition KS2/3

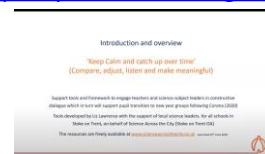
Many thanks to all those who attended the remote meetings in July with Tina Whittaker and Stephen Burrowes and for sharing information and ideas.

This project links the KS4 Science project with the KS2 Science Across the City (SaTC) opportunity area project.



The CALM curriculum catch up tools developed by Liz Lawrence for SaTC to support teachers with curriculum deficit are available [here](#). There is also a video of the launch.

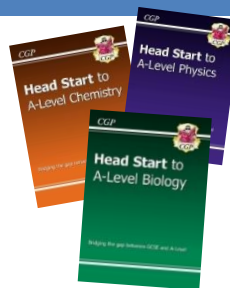
<https://youtu.be/YL3wlgDAsLs>



Next steps will be communicated to those involved shortly. If you would like to get involved in working with primary colleagues to ensure a smooth transition in Science, please contact Stephen Burrowes – sburrowes@potteries.ac.uk

Science Transition GCSE to A Level

CGP Headstart to Biology, Chemistry and Physics books have been purchased and distributed to Colleges and Sixth Forms to support year 12 students with the transition from GCSE to A level. Please contact Steve Birch – sbirch@thediscoveryacademy.co.uk



Addition support videos for Science will be available and shared shortly and resources to support key skills in Post 16 studies will also be made available by the Sixth Form College and shared for all sixth form students

SASCAL Heads of Science Network Meetings

There will be two Heads of Science Network meetings this term. Both of these will be online after school. The first is likely to be in the **w/c 6th October 2020**. To be confirmed.

Agenda items can be sent to Steve Birch in advance of meetings.



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What's On For Teachers

In liaison with Steve Birch, Stephen Burrowes is coordinating the Science CPD fully funded through the OA project this term. Session will all be online this term. For all sessions, there is a 100% discount code which Stoke LA Secondary schools only can use. When booking, you will need to create an account with STEM learning and use the discount code [SLP2020QW100](#) at the payment stage. Book via <https://www.potteries.ac.uk/programme/science/> For queries contact sburrowes@potteries.ac.uk

Early Career Science Support

Secondary Science NQT/RQT Network

A termly chance for early career science teachers in secondary schools to share ideas and experiences, ask questions and receive support
3 x 90 minute sessions online
22/09/2020 28/01/2021 26/06/2021

Secondary Support for Science NQTs/RQTS

28/09/2020 – Behaviour for Learning in Science
05/10/2020 – Learning Objectives and Outcomes
14/10/2020 - Planning a sequence of learning
16/10/2020 – Assessment and Questioning

4 x 1 hour sessions online. 16.00-17.00

Health and Safety for NQTs in science

14/01/2021 21/01/2021 28/01/2021
3 x 1 hr sessions

GCSE Required Practicals

GCSE Required Practicals and Examination Update

this meeting will explore strategies for preparing students for this aspect of the examinations. In addition to this the latest general examination board guidance will be shared.
1 x 90 minute session
16.00-17.30
15/10/20

Leadership CPD

Moving into science leadership

For teachers who are wanting to take up their first responsibility post and will be leading colleagues perhaps for the first time. This course will provide a range of strategies to support their move into a first area of responsibility within a science department. It will look at: Leadership styles, the difference between leadership and management, what outstanding teaching and learning look like, strategies for monitoring and evaluation, writing a strategic action plan and how best to implement change. £300 resources incentive per school for attendance at all 5 sessions.

5 x 1 hr sessions

01/10/2020 22/10/2020 12/11/2020
19/11/2020 03/12/2020


Maths in Science

Maths in the secondary science curriculum

5 x 1 hour sessions 16.00-17.00
£200 resources incentive per school for attendance at all 5 sessions

1. SKETCHING GRAPHS	04 NOVEMBER 2020	16:00-17:00
2. INTERPRETING GRAPHS	09 NOVEMBER 2020	16:00-17:00
3. DRAWING GRAPHS	11 NOVEMBER 2020	16:00-17:00
4. USING NUMBERS	16 NOVEMBER 2020	16:00-17:00
5. DEALING WITH EQUATIONS	18 NOVEMBER 2020	16:00-17:00

www.stokescience.co.uk

 @ScienceStoke

Please see the calendar on the website for further details and also for links to register for events and CPD.





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What's On For Teachers



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SciMeet

There will be two TeachMeets held online in the Autumn Term, one in each half term. Please let us know of any themes you would like covered. Dates will be confirmed in the near future. Resources from previous Science Teach meets are available on the Stoke Science Padlet.

Health and Safety

Please click on the links in blue for more information and to register. Stoke secondary schools can claim up to £500 per school for safety equipment for attendance at the sessions. Please use the discount code to ensure funding of the CPD is covered through the OA project.

Technicians: Health and Safety Update

1 x 90 min session 15/09/2020
1.30 – 3pm

Teachers: Health and Safety Update

1 x 90 min session 16/09/2020
16.00-17.30

Stoke Secondary Science Padlet

All resources prepared through the project as well as CPD links and Teachmeet resources are available on the padlet -

<https://padlet.com/cbedford/s8xswud6u9cu>

If you would like any specific CPD for individuals/ whole department or you would like to be more involved in delivering CPD, student session, please contact us.

What's On For Students

In order to support students in year 11, a series of online revision and key skills sessions are being planned. These will be available to targeted groups of students and involve recorded or live sessions which students can participate in from school or home.

Further details will be circulated to schools in September.

Stretching and Challenging High Attainers in Science

Participants will gain an understanding of what stretch and challenge should look like based on evidence from Ofsted and research. Participants will develop a tool kit of strategies to support teaching and will reflect on how curriculum design can help to stretch and challenge learners. £200 equipment/resource voucher for attendance at both sessions. One per school.

2 x 90 min sessions

06/10/2020 & 13/10/2020

Supporting Learning to Access Grade 1 - 3 at GCSE

The course will look at how the curriculum can be modelled to support low attainers and you will develop strategies to engage students with science and to ensure that pupil's skills are developed to allow them to access examinations and required practicals. £200 equipment/resource voucher for attendance at both sessions. One per school.

2 x 90 min sessions

20/10/2020 & 04/11/2020

Please see the calendar on the website for further details and also for links to register for events and CPD.

