

## Primary Science Mentor Training 2018-19

Are you interested in science? Would you like to develop your leadership skills?

*Come and join the next cohort of Moray Primary Science Mentors!*

**What are we offering?**



**We are offering Primary teachers in Moray the opportunity to build on their skills and knowledge of the Primary science curriculum while developing key leadership skills of coaching and mentoring.**



### Background:

This session 18 teachers from across Moray took part in the programme which draws on the SSERC Primary Cluster programme and adds value linking in other aspects of STEM, DYW, Building Science Capital and developing leadership in the classroom.



### Feedback from this year's cohort:

"I worry less about engaging with science. The information we have gained has been cascaded to all the class teachers which has had a significant effect on willingness to engage with science across the school."

"I feel a lot more confident in delivering the science and STEM part of the curriculum and seeing how everything links together."

"This session I have been able to deliver learning activities that were new to me and engaging for pupils. Doing this course gave me resources and confidence to do so."

**Cost: FREE** – The CPD sessions have been funded through the PSTT/SSERC Sustainability and Extension Project.

### Further details and bookings:

To register your interest please contact Janey Irving, Primary Science Development Officer (PSDO) for Moray: [janey.irving@moray.gov.uk](mailto:janey.irving@moray.gov.uk) or Tel: 01343 563409

**Booking will be through Moray CPD Gateway**

### Who are we looking for?

- Teachers who are not only interested in extending their skills in teaching science but in developing their leadership and mentoring skills.
- Participants need to be willing to commit to the majority of the year-long programme as detailed below.

## Programme:

All twilights (4-5.30/6pm unless otherwise stated)

Date	Activities <i>Practical Activity/Links to Curriculum</i> Practical Activity requirements will be determined by the cohort. There will be a mixture of sessions taken by Primary Science mentors from Cohort 1, external agencies such as Aberdeen Science Centre and some led by PSDO.
Thursday 27 <sup>th</sup> SEP	1. Introduction - Professional Learning Networks 2. STEM Self Evaluation 3. It's Not Fair or is it? - Types of Enquiry Skills/ideas to develop these 4. <i>Practical Activity/Links to Curriculum</i> - Investigative & Inquiry Skills, Scientific and Analytical thinking Skills, Skills and Attributes of Scientifically Literate Citizens 5. Sharing ideas for practical activities that link to the Types of Enquiry Skill 6. GAP Task Introduced – Professional Reading – ASPIRES report
Thursday 25 <sup>th</sup> OCT	1. GAP task review – Early STEM Engagement, Parental Engagement, STEM and SAC/PEF 2. DYW & Career Education Standards (Maxine Scott ESO Skills 3-18/SDS) Familiarisation with important documents How to insert this into a science context lesson Creating a DYW input for a lesson 3. Next Steps – Any changes required to curricular inputs? 4. GAP Task –
Wednesday 28 <sup>th</sup> NOV	1. Coaching & Mentoring Skills (external speaker) 2. GAP Task – Create a small CPD input on Skills to present to your school (to be completed for Dec) 3. Festive STEM Challenges
Wednesday 12 <sup>th</sup> DEC	1. GAP Task Review – group share – what went well? What would you change for next time? 2. <i>Practical Activity/Links to Curriculum</i> - 3. Introduce - Developing CPD Activities to be delivered at LA CPD – group split into BGE Levels to create carousel of activities that each last 30 minutes (attendees will have two options: Early – Second or Second – Fourth)
Wednesday 23 <sup>rd</sup> JAN	1. <i>Practical Activity/Links to Curriculum</i> - 2. Developing CPD Activities to be delivered at LA CPD – group split to create carousel of activities that each last 30 minutes
Thursday 28 <sup>th</sup> FEB	<b>DELIVERY</b> = Mentors to lead CPD 1. Introduction/Key KU 2. 3 activity rotation linked to E&Os – Early/First/Second OR Second/Third/Fourth (30 mins each) 3. Plenary
Wednesday 27 <sup>th</sup> MAR	1. Review of DELIVERY Session – what went well? What would you change for next time? 2. <i>Practical Activity/Links to Curriculum</i> -
Thursday 25 <sup>th</sup> APR	1. Curricular Based - Science within STEM context (Glen/Ashleigh) Computational thinking Technologies & Science 2. Developing CPD Activities to be delivered at LA CPD – group split into BGE Levels to create carousel of activities that each last 30 minutes (attendees will have two options: Early – Second or Second – Fourth)
Wednesday 29 <sup>th</sup> MAY	<b>DELIVERY</b> = Mentors to lead CPD 1. Introduction/Key KU = Janey 2. 3 activity rotation linked to E&Os – Early/First/Second OR Second/Third/Fourth (30 mins each) 3. Plenary = Janey
Thursday 13 <sup>th</sup> JUN	1. Review of DELIVERY Session – what went well? What would you change for next time? 2. Celebration - Participants to present in groups their work from the programme and next steps with their schools/ASGs

**Suggested Reading:** [Working with Big Ideas of Science Education](https://www.ase.org.uk/resources/big-ideas/) edited by Wynne Harlen  
 (Download your free copy from <https://www.ase.org.uk/resources/big-ideas/>)