

STeAMing ahead: STEM learning

Friday 14 December, 2018

Sacred Heart RC Primary School, Central Drive, Westhoughton, Bolton BL5 3DU



Sessions led by leading academics

Dr Lynne Bianchi, University of Manchester

Bruce Robinson, STEM Activities Presenter

Develop a deeper understanding of scientific principles and embed STEM activities in the classroom.

- Learn new teaching strategies to deliver practical lessons that link science to the real world and generate enthusiasm, subject knowledge and skills for pupils of all abilities.
- Explore best practice in carefully constructing tasks, analysing results, monitoring experiments and structuring pupil write-ups.
- Build cross-curricular links through engaging activities and identify innovative ways to build pupils' learning skills and collaboration and creativity.

Prices (ex VAT):

Free for Primary Schools Programme members
£295 **£147.50** (non-members)
£145 **£72.50** (extra places from the same school)

For more information, contact:

E: events@ptieducation.org

T: 020 3174 1235

This day is for you if:

- You teach Science at KS2.
- You would like to learn how to incorporate STEM activities in the classroom.
- You want to improve engagement and learning outcomes using enjoyable, practical methods.
- You would like to gain access to resources and activities to use in the classroom and beyond.

Book now at www.ptieducation.org/events

Speakers

Putting you in touch with up to date subject knowledge



Dr Lynne Bianchi specialises in Science Education curriculum development, innovation and research and is Director of the Science & Engineering Education Research and Innovation Hub at the University of Manchester. Working with the Primary Science Teaching Trust, Comino Foundation and other organisations, Lynne's passion to inspire the next generation of scientists and engineers provides a clear focus for many of her innovative projects.

Bruce Robinson is a STEM Activities Presenter with his own company, Wonder Workshops. He retired as Head of Chemistry and STEM Coordinator in 2015, after 10 years of teaching, and moved on to bring challenging STEM and STEAM activities to primary schools. Bruce provides in-school practical learning experiences for primary school children across the Sciences and encourages cross-curriculum activities.



Teacher Leaders

All of our days are developed and led by practising teachers

This day will be led by **Chris Brannan** and **Kiran Kasbia** who will deliver workshops on 'Using the learning environment to support high levels of challenge in STEM' and 'Encouraging all to reach their full potential in Science'.

“Excellent practical activities and great explanations of the science involved. I will definitely be using these ideas in the classroom!”

- Valerie Beyoglu, Lea Valley Primary School, 2017 Science CPD Day participant



About The PTI

We know that for every student in every school, every teacher matters.

The PTI is a charity run by teachers, for teachers. We re-engage teachers with their specialist subjects, inspiring them to bring enthusiasm into class and raise the aspirations of their pupils.

www.ptieducation.org