



Leading Primary Science in 2020

5 and 6 February 2020

Designed to support current science subject leaders to develop a science curriculum that provides opportunities for pupils to engage in purposeful and inspiring science. Participants will be able to plan their own days by attending specific sessions and exploring the latest developments in primary science.

Day 1 | 5 February 2020

Keynotes

Dr Nate Adams

Toni Hamill, Head of Public Engagement, Centre for Life

Optional workshops (choose two)

Intention and substance: is primary science in your school Ofsted ready?

Linking science to the news and real-life

Explorify-taking it further

Exploring Mars in 2020

How do I assess working scientifically?

Evening workshop

Meet the STEM Ambassadors

Summary

How to defy(ne) gravity

This talk uses aerial silks and ropes to explore gravity, and how with the use of materials in chemistry, technology and biology, we can define, and defy it.

Engaging with your local science and discover centres and planetaria

Discover what is available for you as a science lead through this national network of science and discovery centres. This session will look at who we are, provide examples of the kind of things that we do and what science centres around the UK offer to primary teachers.

Summary

Explore the expectations outlined in the 2019 Ofsted framework and what this means for science teaching in your school.

Explore ways in which we can link the news, current issues and the natural world to the science curriculum in a fun and exciting way.

Take a look at how Explorify can be used to plan for knowledge, understanding and skills, as a tool for assessment and to raise the profile of science across your school.

Learn about the mission and try out some curriculum-linked activities that help children learn more about space exploration, and the search for life on Mars.

Discover how to embed the assessment of working scientifically in our everyday teaching.

Summary

Join our local STEM Ambassador Hub manager and several of our Ambassadors for a short talk, followed by an informal session where you will have the opportunity to ask questions and even put in a request for an Ambassador to visit your school.

Day 2 | 6 February 2020

Keynote

Associate Professor Jane Turner

Summary

Effective leadership to ensure an aspirational curriculum and high quality of teaching and learning in science

This keynote will draw on evidence from 100s of schools that have achieved the Primary Science Quality Mark by demonstrating the impact of effective leadership in science, the new Ofsted framework and recent research, and will explore strategies which have a positive impact on science teaching and learning.

Optional workshops (choose two)

CLEAPSS Primary - Practical safety

Summary

Learn how CLEAPSS supports school science, focussing on the organisations role in advising on health and safety and what CLEAPSS does to help science leaders.

Developing Science in the Early Years

Explore ways to maximise the opportunities for science learning in the EYFS classroom as well as having a go at some engaging practical activities.

Running a Space Camp in your School

Using space as a theme to engage children in your school, this session will look at how to plan and deliver a FREE 2 day (1 night) residential experience in your school.

Farming STEMterprise: Engaging learners through cross-curricular real life problems

In this exciting practical session, we'll be throwing elements of Ready Steady Cook, The Apprentice and Countryfile into a blender to introduce our cross-curricular project schemes that use real life problems as engaging contexts for learning.

Bursary support available

If you are a state maintained school in England, you qualify for a bursary of £470 per day which covers the cost of the course (including associated resources) and can be used towards travel, supply cover, science equipment or further local CPD.

In addition, as part of our all inclusive experience, your accommodation, meals and refreshments are also included.

To find out more about our bursary, visit www.stem.org.uk/bursaries

Book your place:

www.stem.org.uk/ny071

Please note this programme is subject to change