



Independent
Association of
Prep Schools

Q66: Enriching the science curriculum

Date Thursday 30 November 2023

Venue The Girls' Day School Trust's HQ, 10 Bressenden Place, London, SW1E 5DH

Cost IAPS members - £ 199 (non-IAPS members - £299)

This interactive, practical course will provide primary science teachers with the tools and resources they need to enrich their science lessons, and thereby raise their pupils' engagement. Given that pupils' attitudes towards science are set before they enter senior school, this course looks at a multitude of ways to grab their attention early, and to keep them hooked.

Audience Teachers and leaders of science at KS1, KS2 including heads of science and science co-ordinators. This course will be as suitable for ECTs as it is for experienced science teachers – anyone looking to add something new to their teaching approach in science, to get their pupils engaged and motivated.

Objectives This course will focus on enriching the science curriculum – looking at cross-curricular planning that links science to other areas of learning to add engagement, academic rigour, and depth to science teaching. Speaker Alex Farrer will provide practical examples alongside a host of resources, giving science teachers the tools to take their teaching in new, exciting directions.

Course Director Sheetal Kowalczyk, Head of Junior Science

Presenter(s) Alex Farrer, Head of Science Wimbledon High Junior School



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Programme: Thursday 30 November 2023

Time	Activity - Speaker
1000	Registration and coffee
1030	Welcome and introduction
1035	Session 1: Making science learning relevant to our pupils.
1125	Refreshment break
1130	Session 2: Curiosity, challenge, collaboration and creativity.
1230	Lunch
1315	Session 3: Using 'STEAM' lessons to improve pupils' scientific enquiry skills
1415	Break
1430	Session 4: Which teaching approaches will engage your pupils?
1530	Course ends

- Session 1 Making science learning relevant to our pupils.**
Most pupils find science enjoyable and interesting, but pupils' perceptions that science is "not for me" start early in primary school. Using strategies from the Primary Science Capital Teaching approach, this session will give practical suggestions for connecting science learning with pupils' lives.
- Session 2 Curiosity, challenge, collaboration and creativity.**
We will try out a range of teaching resources that link science planning to other areas of learning to develop a range of strategies that enrich science lessons and engage our pupils.
- Session 3 Using 'STEAM' lessons to improve pupils' scientific enquiry skills.**
From art to engineering, this session will showcase cross-curricular science investigations where pupils show progression when answering scientific questions about the world around them.
- Session 4 Which teaching approaches will engage your pupils?**
Utilising strategies and resources from each of today's sessions, we will plan science activities that you will be able to implement in your classrooms immediately to challenge, assess progress and engage pupils in science learning.



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