



Independent
Association of
Prep Schools

N07: Engineering: an introduction to teaching engineering in prep schools

Date Thursday 11 November 2021
Venue Online via zoom
Cost £125 (non IAPS members – additional £50)

The course will consider the value of teaching engineering to Years 3 to 8, the principles that lie behind it and how to resource engineering in terms of time, space, materials and expertise. There will be hands-on sessions for delegates to experience the engineering approach. Lesson plans and teaching resources will be provided to take away for delegates to consider its introduction in their own schools. St Faith's was the winner of the 2018 TES Award, 'Strategic Initiative of the Year', for the introduction of engineering and is the winner of the 2019 TES Award 'Prep School of the Year'.

Audience Heads, deputies, directors of studies, heads of departments or teachers of science or design technology

Objectives Delegates will explore the introduction of engineering as a curriculum subject. This course aims to answer the how and why questions that prep schools might ask about teaching engineering. Delegates will acquire a clear understanding of the benefits to children of teaching Engineering, gaining insight into the practical implications of doing so and experiencing for themselves the enjoyment that engineering generates.

**Course Director
& Presenter** Dr Nicola Hoyle, Head of Engineering, St Faith's

Programme: Thursday 11 November 2021

- 0845** Registration and welcome
- 0900** Introduction
 - The value of teaching engineering
 - The principles behind teaching engineering
- 0930** Problem solving: hands-on activity 1
- 1015** Talking teamwork
- 1030** Break

.../over

(2)

- 1045 Application of science and maths: hands-on activity 2
- 1130 Resourcing engineering: plans, activities and assessments
- 1215 Opportunity for questions and discussion
- 1300 Course ends

Terms and conditions of cancellation: If a delegate cancels his or her application up to and including 4 weeks prior to the date a refund of 75% of the fee will be given; 50% of the fee will be refunded up to and including 2 weeks prior to the date; thereafter, IAPS regrets that no refund can be made.

Data protection: At IAPS we are committed to protecting your personal data and we want to make sure we meet GDPR standards. We hold your data so that we can send you details on future events. For information on how we retain this data and how we access it, view our data protection documents on www.iaps.uk/iaps-data-protection-documents.html. We will continue to be in touch with you in line with our updated data policies. If you have a question about your data, want to update your details or have your data removed, contact us at data@iaps.uk

Insurance: IAPS regrets that it cannot accept liability for loss or damage however caused to the personal property of any person attending this or any other event organised under the auspices of the Association.