



Independent  
Association of  
Prep Schools

## P06: Engineering: advanced course for teaching engineering in prep schools

**Date** Thursday 20 January 2022  
**Venue** Online via zoom  
**Cost** £125 (non IAPS members – additional £50)

Following on from the 'Introduction to teaching engineering' course, this course discovers the way engineering can provide real-world relevance to the curriculum topics studied across science, maths and computing and how it can greatly enhance understanding in those subjects. There will be opportunities for delegates to experience the engineering approach, plus lesson plans and teaching resources will be available to take away. 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, DoS, HoD or teachers of science or design technology

**Objectives** Delegates will acquire a clear understanding of the benefits to children of providing links through engineering, and gain insight into how this can be achieved practically.

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

### Programme: Thursday 11 November 2021

- 0845** Registration and welcome
- 0900** Introduction
- 0915** Independence and decision making: Gears
- 1000** Problem solving: The Box Problem
- 1045** Break
- 1100** Advancing teamwork skills
- 1115** Application of knowledge and understanding: I'm an Engineer

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- 1200 Resourcing and simplifying
- 1215 Opportunity for questions and discussion
- 1300 Depart

**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](http://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](mailto: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.

We will do all we can to ensure our courses go ahead as planned. Occasionally, for reasons outside our control and particularly in the uncertain times we find ourselves in, courses may be cancelled, or courses that were due to take place in person may have to take place online. While a refund of the course fee will be given where courses are cancelled by us, we will not be able to take responsibility for any expenses incurred by you in advance, such as travel or accommodation costs which are no longer required due to the cancellation of a course or it being changed to a remote format. We do hope you will understand.