



Engineering

Hinde House 3-16 School Engineering the Future

What does this mean for Hinde House ?

We are an inclusive school working to improve standards as a whole and to raise performance and participation in Mathematics, Science and Design and Technology. We are active partners in a learning culture, working closely with our family of schools, industry, business and the wider community.

Engineering Specialism at Hinde House means that we are:

- offering students enriched opportunities
- extending students' understanding of engineering through the teaching of Mathematics, Science and Design Technology
- getting involved in national initiatives and competitions to motivate, enthuse and excite students
- making innovative use of ICT to enhance teaching and learning
- celebrating engineering and student achievement throughout the school and within the local community
- working with our local industry to enhance students' learning and achievement
- developing and sharing best practice techniques for raising educational standards
- offering a wide variety of vocational and academic routes for students of all abilities, equipping them with relevant skills for the world of work.

HINDE HOUSE 3-16 SCHOOL

KS4

KS3

KS2

KS1

Throughout school, experts from the world of engineering and engineering visits are used to enhance the curriculum.

Engineering awareness and experience at KS1 and KS2 in our family of Schools

- Primary Engineering Project
- K'Nex Challenge
- Bridge Building with the Institute of Mechanical Engineers
- Engineering a Better World - Solar Buggies Project
- Year 6 Induction Day
- Engineering visits including parents/carers

Engineering awareness and experience in Year 7

- Engineering a Better World - Use your Head Project
- Women in Engineering Projects
- Slime Project
- UK Maths Challenge
- G&T Maths Club
- Blended Learning Project
- Engineering Club

Engineering awareness and experience in Year 8

- Engineering a Better World
- Women in Engineering Projects
- G&T Maths Club
- Engineering Club
- Enterprise Day

Engineering awareness and experience in Year 9

- Women in Engineering Projects
- UK Maths Challenge
- G&T Maths Club
- Engineering Club
- Bridge Building Stage 1 with the Royal Engineers

Engineering awareness and experience in Year 10

- Vocational qualifications through curriculum Pathways
- Engineering Work Experience Programme
- Women in Engineering Projects
- G&T Maths Club
- Engineering Club
- Bridge Building Stage 2 with the Royal Engineers
- Team Building Stage 1 with the Royal Engineers
- Young Student Ambassadors for Engineering
- GCSE Statistics at Longley Park 6th Form College
- Engineering in Mathematics Project at the University

Engineering awareness and experience in Year 11

- Vocational qualifications through curriculum Pathways
- Women in Engineering Projects
- G&T Maths Club
- Engineering Club
- Bridge Building Stage 3 with the Royal Engineers
- Team Building Stage 2 with the Royal Engineers
- Young Student Ambassadors for Engineering
- GCSE Statistics at Longley Park 6th Form College
- Engineering in Mathematics Project at the University

Engineering awareness and experience in the Community

- Engineering visits involving parents and carers through the Industrial Trust
- Family Learning
- Engineering a Better World Celebration Day Host
- Yorkshire and Humberside Engineering Conference Host
- Super Learning Days
- 14+ Matters Event



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