

SHOWING IMPACT IN SCHOOL KEY INDICATORS

Mathematic skills enhanced

Access to extra-curricular activity

Social skills to appreciate the larger community

Target Learner: Key Stage 3 Year Groups 7 & 8

Duration: 5 x full days or 10 x half days

Impact on your **learner outcomes** by involving students of all abilities in this exciting ROV challenge. ROVs are designed and built in small teams who are involved in full project management, from planning, setting targets, team working and meeting deadlines. **Mathematic skills** and **people skills** are tested, by the challenging difficulties which need to be overcome. The aim is to raise academic and interpersonal skills. This is an opportunity to flourish 'outside' the classroom.

Costs: £62.50 per hour GYSBP members or £69.00 per hour

Delivered by: Nexus Engineers

This is a Design and Build Project. The first task is to construct the ROV, this will involve 2D design, scaling measuring and energy transfer. Lifting and carrying and co-ordination with the remote control, also come into play. Learners will have to overcome a series of set problems. The aim is to introduce learners to the skills required to become an engineer, to think for themselves but still involve their team mates. Once the ROV is constructed each team will complete different tasks, from recovering 'lost' equipment to time trials on different obstacles. This project can be delivered at your school or at Nexus Engineering in Gorleston, Norfolk.

The ROV project is bespoke to your learning aims, the ROVs can even be equipped with cameras for more in-depth analysis and is an excellent way to introduce young people to the engineering sector.

HOW TO BOOK

Telephone: 01493 742336 **email:** office@nexus-engineering.org

contact us via our website: www.nexus-engineering.org

Or visit us at

Nexus Engineering, Unit 1 & 2 Excalibur Road,
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