

Innovate Cultivate Evolve Create

Key Stage 2

Hydraulics Pneumatics

SHOWING IMPACT IN SCHOOL KEY INDICATORS

Extends learning in maths & science
Includes all levels of achievers
Enhances literacy skills

Target Learner: Key Stage 2

Duration: Full day or half day to suit your needs

Learners will study why we have both hydraulics and pneumatics systems and their individual uses. There is a particular focus on the systems used in industry including JCBs and Drilling rigs. This workshop will have a positive impact on learners performance by **enhancing their maths** and science skills, while **influencing** their **geography**, D & T and **ICT** lessons. **Literacy skills** are improved throughout this topic.

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

Delivered by: Nexus Engineers at your school

Design and technology activities can encourage pupils to develop an interest in how things work, this workshop will teach young learners how hydraulic actions happen all around us, from simple door closures to the hydraulics used on drilling rigs to disperse rocks on sea beds and pneumatic devices used in industry, as well as the differences between hydraulics and pneumatics and why we need both systems.

GYSBP membership details are available by contacting us on 01493 742336.

HOW TO BOOK

Telephone: 01493 742336 email: office@nexus-engineering.org
contact us via our website: www.nexus-engineering.org

Or visit us at

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