

Innovate Cultivate Evolve Create

LEARN THE SCIENCE BEHIND

The Dambuster Raids

SHOWING IMPACT IN SCHOOL KEY INDICATORS

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

Target Learner: Key Stage 3 Year Groups 7 & 8

Duration: Full day activity

History is just as important as science and engineering when it comes to fostering innovation, it helps us to think analytically. This is why Nexus Engineering has created a workshop which tackles the development of the 'bouncing' bomb. The workshop will incorporate maths, science, English and engineering. This hands-on workshop will engage all levels of learners, and assist them in achieving their targets.

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

Delivered by: Nexus Engineers

Learners will explore and understand not just how the bomb actually works, but also the problems that had to be solved to enable the mission to take place. It will incorporate maths and trigonometry; exploring the height above ground and the mathematics behind the triangulation points. Learning will further be enhanced with the opportunity to write a short story titled "The flight crew experience". This project can be delivered at your school or at Nexus Engineering in Gorleston, Norfolk.

The science behind the bouncing bomb is a complex and fascinating story along with the skill of the flight crew, who need to understand the maths and science behind the mission.

HOW TO BOOK

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

Or visit us at

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