

BUILD YOUR OWN

C02 Powered Car

SHOWING IMPACT IN SCHOOL KEY INDICATORS

Stretching high achievers
Focus on mathematics, science & ICT
Adapted to suit your curriculum plans

Target Learner: Key Stage 2, 3 & 4

Duration: 1 day up to 10 days

Fundamental **maths** and **science** are key to this exciting project. The course content is boundless and can be applied to all levels of ability, including **stretching high achievers**. The car can be supplied in kit form and delivered as a one day or up to a ten day project , it could include **3D computer aided design**. The level of design work can be adapted to suit your curriculum plans.

Cost: £62.50 per hour + VAT

Delivered by: Nexus Engineers

The track is 25 metres long and the cars will race along this in just over 1 second! The vehicles are supplied in kit form or designed from scratch. This project will incorporate maths, science, English, ICT and CAD. Aero dynamics, traction, energy transfer and time conversion for speed are all included in the content as well as an accurate timing gate. This design and development work is based at your school and will culminate in an exciting track day at Nexus Engineering in Gorleston, Norfolk.

This project will enable learners to see their designs come to life and fully test their theories. A real insight into a hands-on design and build task.

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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