

Learn new skills

2D to 3D modelling

SHOWING IMPACT IN SCHOOL KEY INDICATORS

Enhance and develop skills in maths & ICT
Developing creativity
Cross curriculum activity

Target Learner: Key Stages 2 , 3, & 4

Duration: half day (minimum) to suit your needs

Aimed at students who are beginning to understand the concept of **three dimensional design**. This workshop can fit into many lessons, from the science department to the history faculty. Learners will plan and design a model of your choice. **Using software** pupils will produce parts within an ITC setting, once designed those plans will be cut out in **2D** and the models then constructed in **3D**. This workshop could improve learners understanding of measurements, angles and calculation, along with their art and design talents.

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

Delivered by: Nexus Engineers

This hands-on workshop enables learners to start to understand the concept of 3D using CAD techniques. Starting with an ideas board and overcoming problems along the way, the course then moves into the workshop. The design starts to take shape by 'laying out ' the 2D software design. This process allows learners to dissect their design and then bring it to 'life' by cutting and building their own model. The opportunities to use advanced manufacturing equipment, such as vacuum forming, CNC Routing and laser cutting are all part of the course. Learners' can keep their own model as part of their learning portfolio.



HOW TO BOOK

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Or visit us at

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