

# What will the project involve

Reach for the Sky is an exciting project to create inspirational learning opportunities to prepare for the Engineering Diploma with access to industry specific equipment and connecting them to the world of Aerospace Engineering by the touch of a button.

Students will be able to explore engineering using professional equipment and have the chance to put those skills into practice on a real aeroplane and car.

The project is being headed by Tuxford School in partnership with North Nottinghamshire College, Valley Technology School, Elizabethan High School, Portland School, Retford Oaks High School, Serlby Park School and Worksop and Retford post-16 centres, making achievement and a career in Aerospace Engineering a reality.

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Bassetlaw Area Strategy Group

# Reach for the Sky Engineering

**Bassetlaw Area Strategy Group presents the opportunity for 14-19 year olds to study this great diploma in Engineering.** The project involves the purchase of specialist simulation software and server to provide a mobile virtual learning environment; a second hand aeroplane and turbojet engine to be sited at Gamston Airport; and a used car and specialist motor vehicle tooling. This is a hub and spokes model with the hub being the airport and the spokes comprising all 9 members of the consortium. The virtual learning environment and car will be transported to all partners for use on their own premises.

## What's in it for me?

### For students

Reach for the Sky offers Engineering Diploma students inspirational learning experiences, providing an exciting additional dimension to their studies.

Learners will have the opportunity to work on a real twin jet-engine aeroplane and turbojet engine at Gamston airport to put their learnt theory into practice. A used car and specialist tools will be available as a mobile resource.

Engineering simulation software and server providing a virtual learning environment within a mobile ICT facility, will also give access to continual pictures and learning materials.

### For local businesses

This is a great way to make contact with potential employees of the future as the Diploma aims to equip young people with the necessary skills required for working in the engineering sector.

## How do I get involved?

### Students

This is a great place to study the Engineering Diploma and gain valuable new skills. To find out more about the Diploma call **01777 870001**.

### Local businesses

Employers interested in working with the Reach for the Sky Diploma students should call **01777 870001** for further information.

