

INDUSTRY: ENGINEERING

ACTIVITY: ENGINEERING TOMORROW

ORGANISATION: EDINBURGH AIRPORT &
GLOBAL INFRASTRUCTURE PARTNERS

SCHOOL: SECONDARY

ENGINEERING TOMORROW

The Engineering Tomorrow initiative – run by Edinburgh Airport & Global Infrastructure Partners (GIP) - is aimed at schools in areas of deprivation, to build awareness around the career opportunities in STEM industries. This interactive event allows S2 pupils to sample engineering through fun experiments and gives pupils the opportunity to hear a presentation from the Chief Executive of Edinburgh Airport about his career journey.



Targeted at the S2 year group, pupils are able to try different technologies such as 3D printing, wind tunnels, robotics, and aero dynamics. The challenge provides an opportunity for pupils to link their learning to the wider world and encourages pupils to work effectively in teams, discussing and evaluating ideas and developing confidence and resilience.

10 pupils each from Whitburn Academy and Inveralmond Community High School have participated in the event so far, who have provided the following feedback:

- Average rating of 4.91 stars out of 5 when asked to rate the day
- 73% answered they were considering a STEM related career
- 100% confirmed that they would like to repeat the experience



"The instructors were very good."

PUPIL

"We all enjoyed the day's activities at the Edinburgh Airport Engineering Tomorrow event. The pupils wrote out some reflection notes when we returned to school and spoke enthusiastically about the day on the return journey."

**DAVID HADDOW, TEACHER,
INVERALMOND CHS**

"It was the 'best experience of my life.'"

PUPIL