National Space Academy

Delivered by a network of outstanding teachers and space scientists that uses space as a context within which to teach GCSE, A Level and BTEC student and teacher programmes.

Programmes include:
- GCSE, A Level, Pre-U and BTEC intensive masterclasses for students
- Continuing Professional Development for Teachers
- Careers events for GCSE and A Level students
- Space Engineering course (full-time)
- Development of the National Higher Apprenticeship framework for UK space sector

Delivered on behalf of ESA, STFC, UK Space Agency, industry sponsors and further supported by the Ogden Trust and NCEO

nationalspaceacademy.org
UK Space Sector

£11.3 billion turnover
Employs 35,000 people
“Upstream” and “Downstream” aspects
World leaders in satellite design, building and operation

Space for Technicians – Paul Lewis, Department of Political Economy, King’s College London

Space Employers Engagement, HE STEM Research Project - Kathie Bowden, University of Reading

Direct discussions with employers:
Magnaparva | QinetiQ | ComDev | SSBV | Avanti
Astrium | Infoterra | SSTL | Inmarsat | Telespazio VEGA
• Opened June 2001 as a Landmark Millennium Project
• Located in Leicester
• The brainchild of the University of Leicester
• UK’s largest visitor centre devoted solely to space and astronomy
• Quarter of a million visitors every year including families and school groups
• Registered charity – in receipt of no government funding
• In-house creative team NSC Creative develop full-dome animated films used in digital planetaria worldwide

• Astronaut visits including Piers Sellers, Mark Kelly, Helen Sharman, Michael Foale and Buzz Aldrin
• Sir Patrick Moore planetarium opened by Sir Patrick Moore in 2012
• Special events throughout the year
• Corporate hire and weddings
• Educational programme including in-house workshops and activities
• Outreach including school visits and stardome