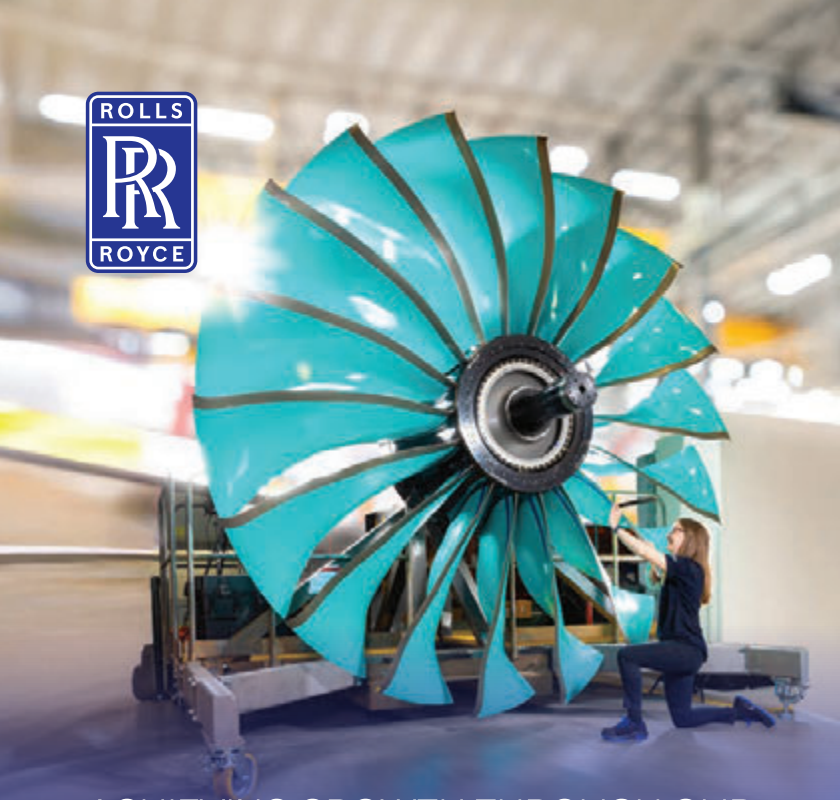


ACHIEVING GROWTH THROUGH OUR APPRENTICESHIPS

SKILLS FOR LIFE

CONTACT US

Dan Hooper
Vice President Government Relations, UK
Dan.Hooper@rolls-royce.com

Brandon Minichiello
Global Government Relations Manager
Brandon.Minichiello@rolls-royce.com

Government Relations
UKGR@rolls-royce.com

SKILLS FOR LIFE

@RollsRoyceUK

rolls-royce.com

OUR ASKS OF GOVERNMENT

A highly skilled workforce enables businesses to develop advanced technologies, improve efficiency and create high-value products and services – which will help boost economic growth.

1. **Shape the Future of the Industry – create innovation-driven skills strategies that directly fuel the ambitions of the UK Industrial Strategy.**

The Department for Business and Trade in collaboration with Sectoral Skills Councils (SSCs) and top STEM universities, should develop detailed skills roadmaps for key industries, guiding funding allocations for STEM programmes in further education colleges and universities, ensuring alignment with industrial needs.

2. **Revolutionise Education for the Future – transform curriculums to prioritise learning agility.**

Mandate that 20% of STEM curriculum time across Key Stages 1-5 be dedicated to critical thinking and problem-solving, keeping the UK competitive and creative in a world where experience has a different value for tackling real-world problems.

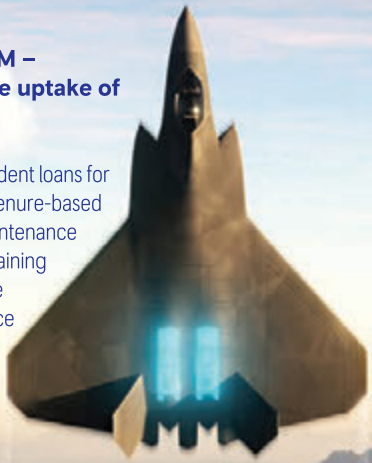
3. **Break down barriers to STEM Careers – form bold new programmes that broaden entry points into STEM.**

Drawing on the success of the Nuclear Skills Academy (NSA) model, we recommend a new Aerospace Skills Academy (ASA) to offer apprenticeships and training for professionals of all ages, as well as short-term intensive programmes for mid-career professionals, teachers and early year students from other sectors.

ACHIEVING GROWTH THROUGH OUR INDUSTRIAL BASE

4. Igniting Passion for STEM – helping to accelerate the uptake of STEM disciplines.

Reforms to interest rates on student loans for STEM specialisations, linked to tenure-based commitments; bursaries for maintenance costs; and additional summer training programmes – which could take place at the proposed Aerospace Skills Academy and also be open to teachers, early year students and armed forces personnel.



STEM skills are the backbone of advanced industries like aerospace, defence and nuclear; sectors that give the UK strategic advantage and provide economic, national and energy security.

These sectors have been identified by the UK Government as growth-driving sectors, and clusters that are supported by its Growth, Opportunity and Clean Energy Missions.

ROLLS-ROYCE IN THE UK

Rolls-Royce has been at the **forefront of engineering** in the UK for over **100 years.** Headquartered in the UK, Rolls-Royce has a unique position across **Civil and Defence** markets, providing economic and **national security** to realise growth.

We have over **20,000 employees in the UK** from Scotland to the South-West.

We have a **£3.6bn supply chain spend** with over **2,000 British companies, £785m UK-based R&D spend** and represent **1.7% of the UK's goods exports.**

We have **1,400 STEM Ambassadors globally** to reach 25m people through STEM programmes.

Rolls-Royce currently employs over **1,100 apprentices in the UK**, including **634 Degree Apprentices, 129 Higher Apprentices** and **350 Advanced Apprentices.**

This includes **200 apprentices a year** who join the **Nuclear Skills Academy** in Derby, which was established to fill skills gaps identified to **facilitate the growth** in our submarine programmes.

£6.5bn
in exports (1.7%)

20%
of Exports from the East Midlands are Rolls-Royce

243
patents filed in the UK (2023)

THE BREADTH OF ROLLS-ROYCE APPRENTICESHIP PROGRAMMES

- **Advanced/Modern Engineering Apprenticeship** - Level 3
- **Civil Aerospace Business Management Degree Apprenticeship** - Level 6
- **Nuclear Engineering Technician Higher Degree Apprenticeship** - Level 4
- **Commercial Degree Apprenticeship** - Level 6
- **Digital and Technology Solutions Degree Apprenticeship** - Level 6
- **Electrical and Electronics Degree Apprenticeship** - Level 6
- **Engineering Degree Apprenticeship** - Level 6
- **Finance Professional Degree Apprenticeship** - Level 7
- **Manufacturing Engineering Degree Apprenticeship** - Level 6
- **Materials Engineering Degree Apprenticeship** - Level 6
- **Non-Destructive Testing Engineering Degree Apprenticeship** - Level 6
- **Nuclear Engineering Degree Apprenticeship** - Level 6
- **Nuclear Non-Destructive Testing Engineering Technician** - Level 3
- **Nuclear Business Management Degree Apprenticeship** - Level 6
- **Procurement Higher Apprenticeship** - Level 4
- **Project Management Degree Apprenticeship** - Level 6
- **Quality Engineering Management Degree Apprenticeship** - Level 6
- **Software Engineering Degree Apprenticeship** - Level 6
- **Supply Chain Management Degree Apprenticeship** - Level 6