



# STEM Hub Offering

# Mission System

## Aviation

## Land

## Marine

## Nuclear

# About Babcock

**Babcock is an international defence company providing support and product solutions to enhance our customers' defence capabilities and critical assets.**

We provide a range of products and service solutions to enhance our customers' defence capabilities and critical assets. Our business model is underpinned by a deep understanding of technology integration and engineering, infrastructure management and specialist training. We help our customers around the world to cost effectively improve the capability, reliability and availability of their most critical assets.

Operating in our focus countries of the UK, Australasia, Canada, France, and South Africa, with exports to additional markets with potential to become focus countries. We meet our customers' key requirements of affordability, availability, and capability by delivering engineering, support and critical systems to defence and civil markets.

# About Cavendish Nuclear

We provide through-life technical and engineering support for our customers' assets, delivering improvements in performance, availability, and programme cost.

We deliver these critical services to defence and civil customers, including engineering support to naval, land, air and nuclear operations, front-line support, specialist training and asset management.

We also design and manufacture a range of defence and civil specialist equipment, from naval ship and weapons handling systems to liquid gas handling systems. We also provide integrated, technology-enabled solutions to our defence customers in areas such as secure communications, electronic warfare and air defence.



## Babcock is an international defence, aerospace and security company

Our mission has never been clearer: in times of geopolitical instability and disruption, we play a crucial role. More than ever, what we do matters.

### Creating a safe and secure world together

Protecting lives, maintaining lines of defence, ensuring critical services and assets are readily available, affordable, future proof.



### Side by side with the armed forces

Enabling them to fulfil their duty, we make their mission, our mission. From nuclear submarines beneath the waves, to the latest land vehicle technology, to secure communications in space.



### Making sure the services we support are equipped for their missions

Delivering the capability they need, where and when they need it. Harnessing the right technology for the greatest impact at the right cost.



### Delivering without compromise

Always striving for excellence, bringing integrity and ingenuity to meet today's challenges. Unlocking potential in our business, in our communities and in our customers to meet tomorrow's challenges.

# Why STEM matters

Science, Technology, Engineering and Mathematics (STEM) can be found everywhere in the world around us, and in every part of our lives.

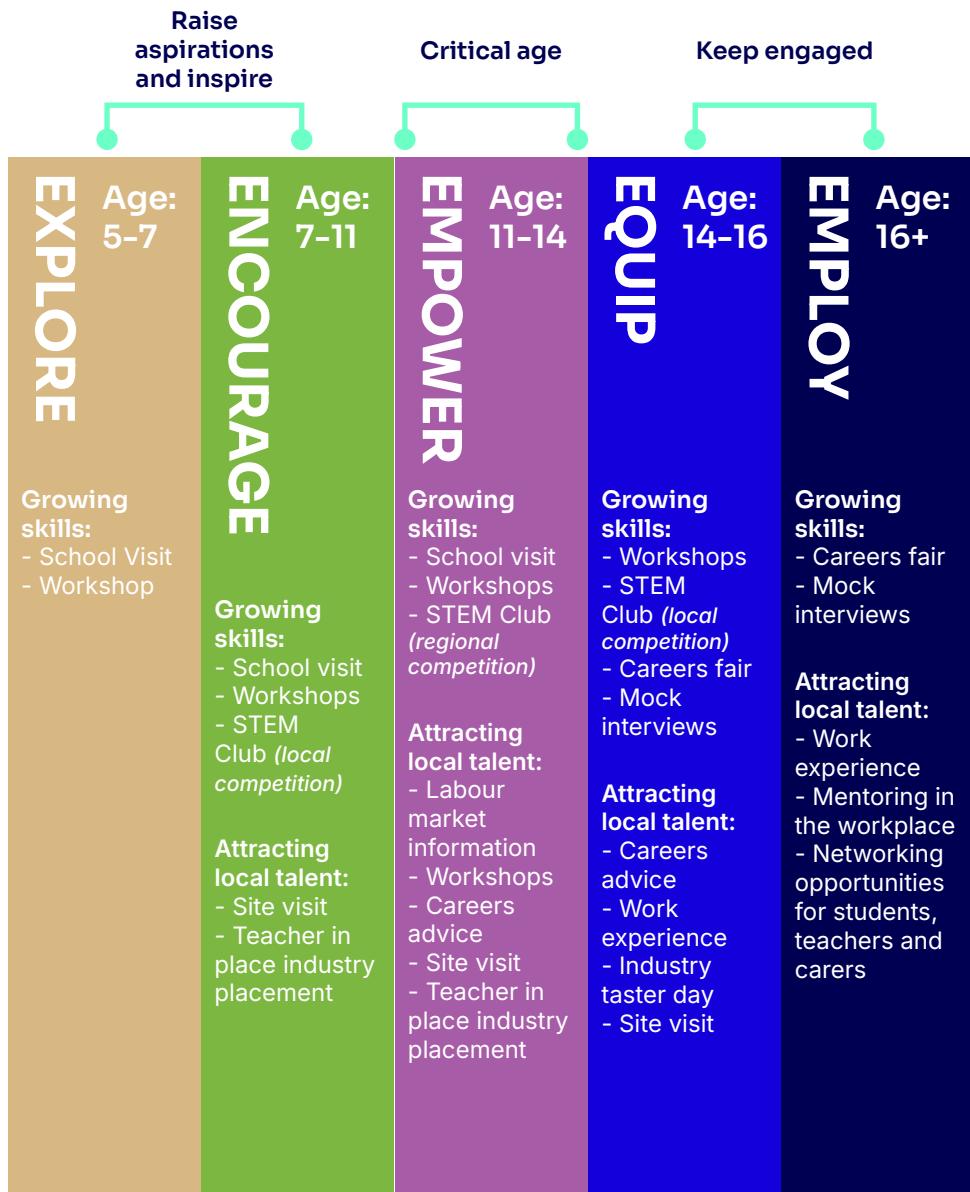
It is everywhere in Babcock too; from our naval architects and designers overhauling and maintaining warships, through to the finance teams ensuring that our complex and critical projects are delivering value to our customers.

Research shows that not enough young people are studying the STEM subjects which will equip them with the knowledge to pursue a career in this area. By engaging with young people, their parents and teachers through outreach and collaborative activities, we seek to spark an interest in studying STEM subjects and pursuing a rewarding career in the industry.

## Our approach to STEM

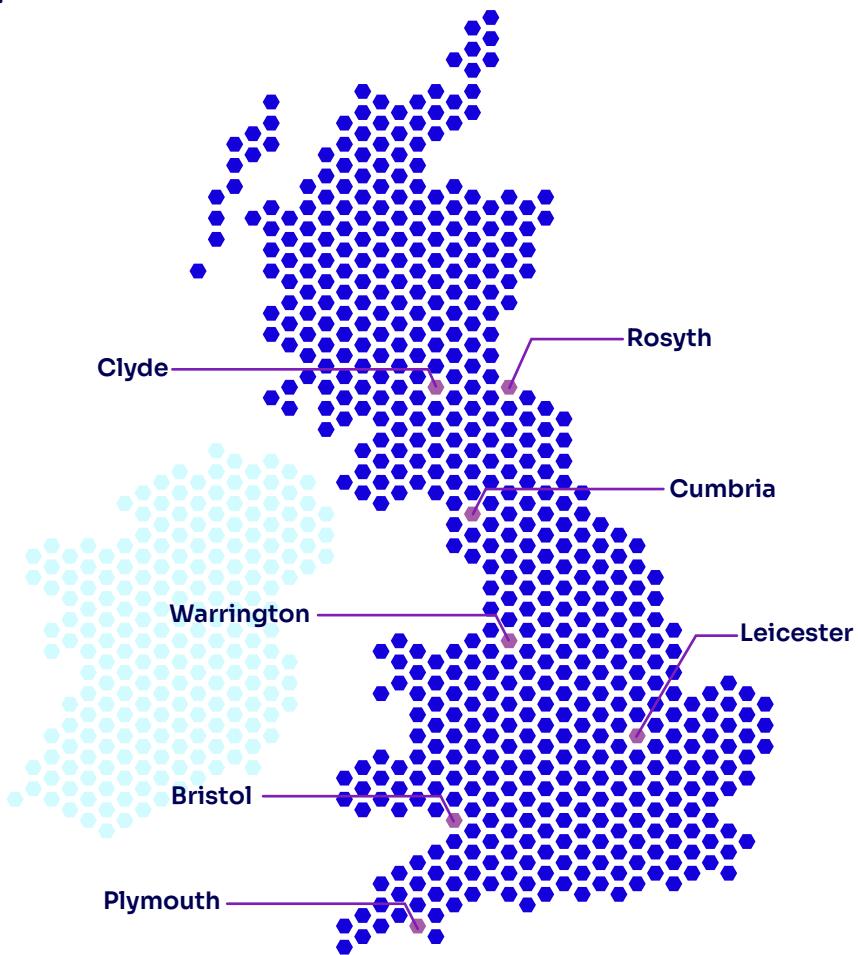
We believe that igniting an interest in STEM subjects should start early. The 5E model, developed by Plymouth City Council and adopted by Babcock, below shows how we tailor our engagement to meet the needs of young people as they progress through the education system and towards employment.

Our STEM team are ready to come to your school or college to share more about Babcock and the opportunities available to your students.



# Your local Babcock STEM Team

To support STEM in your area, we have a number of STEM Teams across the UK who will be able to support your students. Please click your local STEM team on the below map to contact them.



# How we can help

We're passionate about supporting schools and inspiring the next generation of STEM talent. Below is a selection of the activities we can offer—this list is not exhaustive, and we're always happy to tailor our support to meet your school's needs. We look forward to working together to create meaningful and engaging experiences for your students.



## Early Careers Presentations

For ages 11 and up, our Early Careers presentations introduce students to Babcock, our industry, and the exciting career pathways available. Students will explore a variety of apprenticeship opportunities and hear directly from current apprentices and graduates about their experiences, helping them envision their own future in STEM and engineering.

These sessions help raise awareness of the diverse opportunities available and encourage students to ask questions and explore their interests.

## Work Experience & Site Tours

We are pleased to be able to offer Work Experience Placements and Site Tours at some of our sites. Please contact your local STEM Team to understand the options available in your local area.



## Mock Interviews

We're proud to support schools and colleges with Mock Interview sessions. Our experienced team conducts realistic interviews and provides constructive feedback to help students build confidence and develop essential employability skills.

## Modern Work experience

Our Modern Work Experience programme is designed to give students a hands-on insight into careers at Babcock and the wider STEM industry. Delivered flexibly in schools over a week or month, these interactive sessions help students develop valuable skills, explore real-world challenges, and gain a clearer understanding of their future career possibilities.



## Careers Fairs

To inspire the next generation of STEM professionals, we actively participate in careers fairs across all school years. These events are often attended by our Apprentice and Graduate community, giving students the chance to speak with individuals currently building their careers in STEM.

## STEM Activities

We deliver a range of interactive STEM workshops tailored for all school years. These hands-on sessions are designed to spark curiosity and showcase real-world STEM careers at Babcock, helping students connect classroom learning with future opportunities.



## Speed Networking

Our team is available to take part in Speed Networking sessions, offering students quick, insightful conversations with professionals from across Babcock.

# Apprenticeships at Babcock

If you have students interested in business, engineering, science or technology, a Babcock apprenticeship could be for them.

Babcock apprentices gain hands on experience in the workplace while also undertaking an apprenticeship qualification with a training provider. As students progress through their career, further education opportunities may become available for those who choose to obtain higher level qualifications.

We are pleased to have a range of Apprenticeship opportunities across the country. For further information please look at our Apprenticeship opportunities on our website.

[Apprenticeships · Babcock Early Careers](#)

## Teacher Insight

We're proud to support Teacher Insight Sessions that provide educators with a deeper understanding of the nuclear industry and the career opportunities it offers. These sessions are designed to equip teachers with the knowledge and resources to confidently guide students toward STEM pathways, including roles in nuclear engineering, safety, and sustainability, helping bridge the gap between classroom learning and real-world applications.







**Get in touch  
to find out more**

[emergingtalent.cavendishnuclear@cavendishnuclear.com](mailto:emergingtalent.cavendishnuclear@cavendishnuclear.com)