

STEM Engagement round-up

SSERC offers a wide range of STEM engagement and enrichment programmes to further increase access to, and participation in STEM, well beyond the traditional classroom setting. The STEM engagement portfolio offers educators, young people, and partners in industry the opportunity to collaborate and create learning activities and opportunities in STEM for children, young people and adults in Scotland.

With so much STEM Engagement activity going on at SSERC, the team has taken the opportunity to give a comprehensive round-up of all their programmes in recent months and also look ahead to what is coming. STEM Engagement offers are continually accessible and there are often new opportunities and activities being created so there's always the chance to get involved.

SSERC Education Industry Partnerships (EIPs) bring partners in industry together with education settings, enabling groups of early years, primary/secondary schools and colleges to improve young people's engagement in STEM.



Leidos and SSERC STEM Challenge

Year 3 of the EIP with Leidos is well underway with 8 schools taking part across Glasgow and the West, including primary, secondary and ASN centres. Each of the school teams are being mentored by a STEM Ambassador from Leidos to solve a real-life STEM Challenge. A combination of workplace and school visits are taking place with careers-based learning for both learners and educators. The Showcase event will be held in Leidos HQ in Glasgow in June 2024.



Looking ahead, Leidos has now confirmed it wishes to continue their hugely successful EIP with SSERC and plans are already underway for Year 4! If your school is interested then contact SSERC on partnerships@sserc.scot

Teacher launch at Leidos HQ



The Leidos STEM Challenge showcase



Enthuse Partnerships

ENTHUSE Partnerships empower schools, colleges and employers to share practice and work collaboratively aiming to help young people achieve increased attainment, interest and understanding in STEM.



Spectris Tayside

Year 1 of this partnership is now complete with partner schools and their learners completing a series of professional learning and activities on digital technologies using Sphero robotics kits. Year 2 is now underway with a focus on engineering and construction via SSERC's popular STEM Challenges for First and Second Level Course..



spectris FOUNDATION



The professional learning event to launch the Spectris Tayside partnership.

Aramco Northeast

Year 1 of this EP **aramco** is now complete with partner primary schools and their learners respectively completing a series of professional learning and activities with our Early Years and Primary Team on engineering and construction themes via SSERC's popular STEM Challenges for First and Second Level Course. Year 2 is now underway with a focus on enhancing STEM learning in the classroom using digital technologies and robotics.



Professional learning taking place in a series of primary workshops at Aberdeen Science Centre.



The celebration showcase led by learners.



BP Super Enthuse

A practical-packed two-day PL event for early years and primary educators took place at Aberdeen Science Centre back in September 2023. Twenty delegates took part in workshops covering forces, energy, electricity, renewables and other key STEM themes. This practical work is now being delivered to learners in primary schools across the northeast. An impact update took place in February 2024 with guests from bp joining us to hear about the work we are doing. As we progress to year two of the partnership, we will concentrate on new areas such as engineering and construction and biology.



BP Super Enthuse, a two-day PL event at Aberdeen.



BP Super Enthuse delegates.

Now launched!



Twenty-two primary schools from all over Scotland have joined the SSERC Early Years and Primary Team and the STEM Engagement Team for a year-long professional learning journey linked to the Space Experiences and Outcomes from Early to Second Level.

ESERO

Do you teach Space? Don't forget that there is a wealth of free teaching resources on the ESA and ESERO [websites](#).

Also, STEM Ambassadors with an interest in Space can provide inspirational talks and activities to schools and help deliver ESERO's resources such as Mission X: train like an astronaut, Climate Detectives and Astro Pi Challenge.

Request a visit from a Space Inspirations STEM Ambassador on the [STEM Ambassador portal](#). <<

