

SCIENTIX STE(A)M PARTNERSHIP PROJECT: STEAM ↔ STREAMS (WELLBEING – GREEN – SUSTAINABILITY) DUBLIN WEST EDUCATION CENTRE.

Project Number: 101000063

PO Number: P21-05479

INTERIM (PRE-PAYMENT) REPORT

Overall Reach. Please summarize the outcomes of the Scientix STE(A)M Partnership project activities organised at the national level from July 2022 until December 2022, reflecting on the points as listed below.

- Since the beginning of July 2022, we at DWEC have again undertaken;
**see Excel sheet attached*

STEAM Partnerships SCIENTIX	Activities July 2022 to December 2022
STEAM Partnership School Visits	To view the project progress over the coming weeks 15/09
CPD	To provide each school with the necessary CPD to complete their projects On going July to October
Presentation/Dissemination	MOE, Policy makers, National Agency, Stakeholders 20/09
Visits to schools	To view the project progress over the coming weeks 14/10
Final Visit to schools	To finalise Lesson Plans and feedback 1-9/12/2022

The overall reach has extended from DWEC to the Pilot Schools, from MOE to associate Stakeholders (Irl. EU. Global), from July to December 2022. Our Student Voice Conference was the culmination of our work from December to June 2021-2022 as outlined in Interim Report 1, and the focus from July onwards was ensuring that the three Pilot school received any required CPD, and visits to bring their lesson plans and associated STREAM Education work to a satisfactory conclusion in December. Evidence of this is to be seen in the lesson plans and materials provided and the fact that all pilot schools achieved their aims and objectives as outlined in the original application as outlined below;

Each successful project in this Open Call to schools in Ireland, has proven itself to be transferable and applicable transnationally, and focuses on transformative and holistic aspects of STREAMS education in the crucial areas of;

- Wellbeing and Wellness,
- EU STEAM and ST(R)EAM (S) education and The Green Agenda,
- The role the EU plays in the STEAM/STREAMS aspects of the UN's Sustainable Development Goals, and
- Citizens as Ambassadors and Agents of Change at any age.

This Global Reach has again been exemplary. The reach has been global from small rural schools, to MOE and National STEM schools, to EU partners and National Agencies, from expert guests to CEOs and other stakeholders like Government PDST.

¹²³⁴Positive Impact

Following on from, and building upon the following dedicated websites;

<https://www.biomebioyou.eu/scientix-2022.html>

<http://www.scientix.eu/projects/steam-partnerships>

&

The STEAM Partnership Pilot Schools websites;

1. Malahide Portmarnock Educate Together - <https://www.mpetns.com/>

2. Assumption Senior Girls NS - <https://www.assumptionseniorgns.com/>

3. Our Lady of Lourdes NS - <https://www.ourladyoflourdesns.ie/>

The positive impact has again been very obvious. Not only has the STEAM Partnership initiative again enabled Transformative leeway in schools to engage with the Pilot STREAMS Education exemplar schools, but they also shared and trialled the lessons which form part of the final deliverables, which each pilot school provided as evidence in December 2022 .

As NCP, DWEC reached out also to existing SCIENTIX4 schools to engage with them, and utilise the lessons that were being developed by the Pilot schools to give feedback and suggest improvements.

The [PDST in Ireland](https://pdst.ie/primary/STEM/STEM/STEM-Smaointe), who came on-board up to June 2022, and who are responsible for National, MOE STEM CPD delivery, again visited the STEAM Partnership schools, and continued to engage with DWEC and the schools, and introduce aspects of their New STEAM, CPD programmes ‘roll-out’ in Ireland, on their dedicated STEM Smaointe website and newsletters.

<https://pdst.ie/primary/STEM/STEM/STEM-Smaointe>

All the STEAM Partnership, and SCIENTIX4 schools that attended a KA1 project week organised by the NCP, DWEC in Malaga Spain in April 2022, played their part in promoting the Irish National Agency’s drive to encourage other PDST and STEM schools to avail of KA1 mobilities for STEAM Education by applying for assistance in October 2022. To-date, 20 schools have been successful to travel in April 2023 as a result.

A second Education Centre, [Drumcondra Education Centre](#), has taken up the mantel and is providing 15 places for STEAM schools to travel on KA1 in 2023. The centre has also promoted webinars entitle, “[What is a STEM School?](#)”, which was run by Dr. Ó Murchú, DWEC.

Lastly, [The STEM School Label website](#) was visited by several more schools for Ireland, who have applied for accreditation.

Main issues and lessons learned

As outlined in Interim Report 1, The importance of having a clear, and defined plan of action and project proposal from each Pilot school and the teachers involved, was vital and even in the case where teachers changed jobs or changed roles, the importance of having a written plan to fall back on has proven to be invaluable, especially in two of the three Pilot schools. We had a change of Principal also and the plan was crucial in encouraging them to continue with their excellent project work.

Regular, face-to-face meetings in the schools, as took place in September, October and December 2022 (see Excel sheet), were vital to ensure continuity and engagement.

Offering of CPD to newly appointed teachers after the Summer break, has proven to be vital as it enabled a new a fresh energy to permeate the project work and deliverables.

Main lesson learned was that we cannot control everything that happens in schools but we can be visible and there to assist and support at all times, and the setting up of a dedicated WhatsApp Group was a miracle send on many occasions when support was needed. A true Community of STEAM Partnership Practice – COSTP !

Any other comments and suggestions

The News article we submitted in June 2022 as requested by SCIENTIX, was republished by the Education Centres Bodies and was highly praised by the Teachers' Unions magazines.

We are satisfied that according to the subcontracting agreement signed, that we at DWEC have fulfilled all of our agreed contractual obligations, and we wish to thank team STEAM Partnership / SCIENTIX for the opportunity to transform STEM and STEAM Education.

The following are the projects for which the lessons' deliverables are attached.

1. *Malahide Portmarnock Educate Together National School.* <https://www.mpetns.com/>

Project Title: *'Imagineers as creative Digital and Green STREAMS scientists'.*

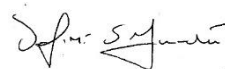
2. *Our Lady of Lourdes National School.* <http://ourladyoflourdesns.ie/>

Project Title: *'Digital Film Media and STREAMS Outdoor Spaces to foster Wellbeing, Biodiversity and Sustainability.*

3. *Assumption Senior Girls' National School.* <http://www.assumptionseniorgns.com/>

Project Title: *'Emerging Technologies and STREAMS Education – Eco and Empathetic warriors'.*

Signed: Dr, Daithí Ó Murchú. DWEC. December 2022.



¹ <https://pdst.ie/>

² <https://ecdromcondra.ie/>

³ <https://ecdromcondra.ie/wp-content/uploads/2021/04/STEM-School-Label-Flyer-2021-DWEC.pdf>

⁴ <https://www.stemschoollabel.eu/home>

