

Muinín Catalyst Sustainable STEAM

fully-funded by Science Foundation Ireland and the Department of Education

Benefits to Students

- Makes STEM subjects more accessible
- Develops Design Thinking skills
- Develops active learners
- Increases local knowledge and connection to place
- Develops global knowledge
- Encourages enterprise and innovation
- Builds skills and competencies relevant to the 21st Century
- Supports and encourages self-directed learning, critical thinking, collaboration, communication, and research skills
- Access to state of the art research and engagement with global case studies and researchers

Benefits to Teachers / School

- One project across learning areas = less planning in the long-term
- Built-in assessment opportunities
- Connections to Junior Cycle SOL and Senior Cycle skills framework
- Transferable skills development
- Increased engagement and responsibility
- Teacher as facilitator
- Opportunistic professional development- CPD 'by doing' in class
- Access to state of the art research and engagement with global case studies and researchers
- Online peer support network

Testimonials

Once again, this year Anita I'd like to take this opportunity to thank you for your support and guidance and indeed invaluable expertise in your work with our college. Our shared interest in promoting community health and resilience and educational strengths and opportunities was never more important than the challenging times we now find ourselves in...

Principal, Coláiste na Sceilge

...I have found working with Anita and the team to be extremely resourceful throughout our process of engaging with my TY Geography students. They have a modernised viewpoint which helps connect with the thoughts and feelings of the students when working with them. It was great to see the level of detail included within their lesson plans and the outline of the SDG's within each micro-module makes it much easier for us as a school to reach our targets in teaching students about these factors.

Extract from Extract from Geography teacher letter

... as a science teacher I am used to teaching subject matter and getting students to learn the important points as they might come up in the test but I think using the different methods and resources aids teaching and learning in a number of different ways and affords opportunity for all types of learners to engage and contribute. I have learned lots of new methodologies. It's much more rewarding when the students are interested and engaged and it really helps to have resources to put this scaffolding in place. It allows them freedom to explore their idea while also keeping them on task.

Extract from Science Teacher

...one of the benefits I found during the week was I learned how to identify and understand problems that affect me in my day to day life. Thank you so much for organising certificates and for such an incredible week!

Extract from Student - Problem to Pitch week-long intensive

<http://oceansplasticproject.ie/> The students you worked with, and a few more are working with Rory Jackson on this project, and it happens every Monday. They are also involved in upcycling old boats and have also registered their work with the YEA competition. This has all stemmed from the work they did with you, so we are all delighted that it is now a constant piece of work going on in this school. There are also 2 mini-companies, that are using sea waste to make new products, they are the photos with the masks. They made dog leads from waste fishnets.

Extract from Teacher - Problem to Pitch week-long intensive with Sea Synergy

