



Keep Scotland
Beautiful

Your charity for Scotland's environment

Upstream Battle[®]

Education programme

Education is a key strand of Upstream Battle[®]; by encouraging young people to **gather evidence** through investigations in their school and local area, **raising awareness** by providing teachers and educators with the resources and knowledge on source to sea litter in Professional Learning Programmes and inspiring everyone to **take action** and spread the message to tackle the issue of source to sea marine litter through STEM challenges and media skills activities.

The first phase of our award-winning campaign saw more than 20,000 young people and 60 educators take part in a series of educational activities and events to identify and address the issue of marine litter's journey from source to sea. In 2022, Upstream Battle will build on this success and will be delivered through four key elements:



Marine Litter Art Competition

We are challenging pupils from early years, primary and ASN establishments to research the 'source to sea' pathway of marine litter and explore how litter in their community could end up as marine litter in the sea. Following the investigation, we invite participants to express their findings creatively through models sculptures, film or poetry. The more imaginative, the better!

The competition will conclude with an exhibition focusing on the journey of marine litter from land to sea. Winning entries will be invited to display their artwork at the exhibition, showcasing the school to Upstream Battle[®] partners, representatives and media.

April - June 2022



Young Reporters for the Environment

YRE is an international environmental journalism competition, empowering young people aged 11-25 to take an educated stand on environmental issues and give them a platform to articulate these issues through media. YRE as part of Upstream Battle asks participants to focus on source to sea marine litter, by utilising research, presentation and reporting skills and produce a short video, photographs, or written report.

Entries can be submitted as part of the international competition to be a part of the global network of young reporters, to raise awareness of the local and global issues around source to sea litter. Entries as part of Upstream Battle will also be showcased at a screening event aimed at championing the voice of young people on environmental awareness.

June 2022 – March 2023

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STEM the Flow

In this engineering-based design challenge, participants develop and apply STEM skills to research and employ ideas to either tackle litter already in source to sea watercourses or design ways to prevent it from entering these environments in the first place. Through a series of group workshops, in partnership with local industry professionals to provide support and guidance, participants will be tasked with modelling engineering solutions to address these issues.

Upon completion of their projects, the young people will be invited to attend a 'Science Expo' event as part of Source to Sea Week to present their concepts to other participants and representatives of the partner organisations.

September 2022 – February 2023



Professional Learning Programme

Intended to engage young people through the legacy for the campaign, the delivery of a Professional Learning Programme will provide the tools and resources for teachers and educators to use source to sea litter as a context for nurturing STEM learning. The course has been developed to create links to several wider objectives, including delivering on each pupil's entitlement to Learning for Sustainability, the Sustainable Development Goals; Life Below Water, Life on Land, Clean Water and Sanitation and Responsible Consumption and Production and to introduce the concept of circular economy.

The programme is delivered through a blended learning model combining face to face sessions and online learning. An interdisciplinary approach will be supported, building skills in enquiry-based learning through self-led study activities. Participation in the course provides an opportunity to collaborate across schools, communities and partners in the STEM family to learn and share best practice.

September - December 2022

Upstream Battle education programme in 2020:



29 entries in the Art Competition
involving over 500 pupils



60 teachers and educators involved in Professional
Learning Programme from 47 establishments