

Upstream Battle: Teachers professional learning programme

Background

An estimated 12.7 million tonnes of plastic gets into the sea each and every year. That's a truck full of litter a minute. This litter is killing wildlife, threatening ecosystems and habitats and extremely difficult and expensive to clean up. With 80% of all marine litter coming from land, we must stop this cycle of litter and prevent it from entering the sea in the first place.

Focused on the River Clyde and its tributaries, Upstream Battle is raising awareness, gathering evidence and inspiring action to prevent marine litter at source. Communities, individuals, schools and the private and public sector will be connected in one common goal: to stop litter from getting into the Clyde.

Teachers professional learning programme

Available for teachers across The West Partnership, the aim of the programme is to develop confidence in delivering on each pupil's entitlement to Learning for Sustainability and build STEM skills through the context of source to sea litter.

Approach used

The programme will be 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.

Programme Outcomes

- Build your confidence and develop STEM skills in the context of source to sea litter.
- Support HGIOS best practice by taking a whole school approach to Learning for Sustainability.
- Collaborate across schools, communities and partners in the STEM family to learn and share best practice.
- Create applied local learning opportunities in a range of STEM activities, raising attainment and achievement
- Receive direct support to gain or renew an Eco-Schools Scotland Green Flag Award.

When will the programme take place?

Between August 2019 - March 2020.

Proposed programme of learning

Each participant will receive 12 hours of face to face and approximately 8 to 10 hours of online learning.

Month	Session	Topic(s)
August/Sept 2019	Introductory training event (4 hours, end Aug)	Setting the STEM scene <ul style="list-style-type: none"> • Upstream Battle • Learning for Sustainability • STEM skills
	Online learning task 1 (2.5 hours) Glow Microsoft Teams platform	A personal enquiry to explore your context/GTCS self-evaluation wheel.
	Twilight session 1 (2 hours)	Upstream Battle: Local learning opportunities

		<ul style="list-style-type: none"> • Source to sea litter • Citizen science
October/ November 2019	Online learning task 2 (2.5 hours)	Planning and implementing your unit of enquiry
	Twilight session 2 (2 hours) Cascade to clusters	Upstream Battle: The global picture <ul style="list-style-type: none"> • Circular economy • Climate change • Sustainable Development Goals
December 2019/January 2020	Online learning task 3 (3 hours)	Planning and implementing your unit of enquiry (reflection).
February 2020	Twilight session 3 (2 hours)	Sharing STEM skills <ul style="list-style-type: none"> • Professional review and development • Young Reporters for the Clyde • Connecting with communities/clusters
March 2020	Online learning (reflection) 4 (2 hours) Cascade to clusters.	Reflecting on your unit of enquiry/GTCS self-evaluation wheel.
	Showcase event (last week of March, 2 hours)	Networking, sharing and showcasing school projects.

Where will the programme take place?

TBC nearer to the time but likely to be held in nearby Local Authority establishments to reduce travel time.

Who is eligible to take part?

Early years practitioners and teachers from Primary and Secondary Schools within The West Partnership (Glasgow City, North Lanarkshire, South Lanarkshire, East Dunbartonshire, Renfrewshire, Inverclyde, West Dunbartonshire and East Renfrewshire).

How much will it cost?

Free for participating Early Years establishments and schools within The West Partnership.

How many places are available?

The programme is open to a total of 100 participants.

Criteria

Applicants should be:

- Registered Early Years Practitioners/GTCS teachers working within The West Partnership.
- Able to attend both face to face and online training sessions.
- Supported by their headteachers and wider school community.
- Committed to sharing learning with colleagues in their establishment and across their learning cluster.

How can I get involved?

Complete the online registration form by **28 June 2019** to apply to take part.

More details can be found on our website <https://www.keepsotlandbeautiful.org/upstreambattle/>

For any enquiries, contact us at ecoschools@keepsotlandbeautiful.org