

Community Learning & Development at Glasgow Science Centre

Everyday Science

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Community Development at Glasgow Science Centre brings science learning to the communities of Glasgow through a unique, blended programme of outreach, group work, capacity building and professional development.



Community Learning & Development at Glasgow Science Centre



We use a phased approach, designed to work in collaboration with community and youth workers and leaders, alongside socially excluded and marginalised communities.

Community Capacity Building



Our community programme aims to support community capacity building by being relevant, accessible and flexible. We meet with community workers and leaders to discuss what issues matter in their communities and what impact these issues have on the lives of people who live there.

We explore how we can support communities to build critical awareness, confidence and knowledge so they can find solutions and influence change.

Community Capacity Building



Developing relationships, getting to know our Glasgow communities and working in collaboration with partners enables us to bring science learning to a wide and diverse population who might not otherwise engage with Glasgow Science Centre.

Inspire & Challenge

Building capacity through learning about and building confidence with STEM (Science, Technology, Engineering and Maths) needs to be sustainable and embedded in the hearts of communities in order to empower community members.

We recognise this through an emphasis on supporting community and youth workers and community leaders to develop skills and confidence to integrate STEM learning into community activities.

Glasgow Science Centre's 'Inspire & Challenge' workshops use a social learning approach give workers and leaders the opportunity to develop their skills in this area.



Glasgow Science Centre CLD Model

The CLD@GSC model has been developed to reflect the mission of GSC to be an essential bridge between citizens and science and technology.

The model builds an approach that recognises that many people in Glasgow feel there are barriers to learning about science and to connecting STEM to their everyday lives.



Glasgow Science Centre CLD Model



Glasgow Science Centre CLD Model

Phase 1 Relevance

We meet with community organisations to discuss how science learning is relevant to their communities and the issues that are impacting on a healthy community ecosystem.

We learn more about supporting community capacity building in their areas and with the people who engage with their groups.

Relevance



Glasgow Science Centre CLD Model

Phase 2 Presence

We build relationships and trust and are more present with the communities we are working with.

We get involved in community events and get to know more about the people and their interests, needs and wants.

We can bring along exhibits, experiences and shows with our On Tour team and talk with people to find out how we can support their communities through awareness and learning about STEM.

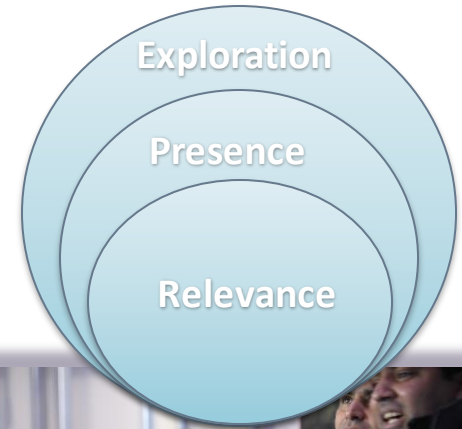


Glasgow Science Centre CLD Model

Phase 3 Exploration

Working along side communities we develop informal learning in ways which work best for them.

A combination of module delivery, visits to the Science Centre, participation in workshops and other experiences are built around interactive group discussion.

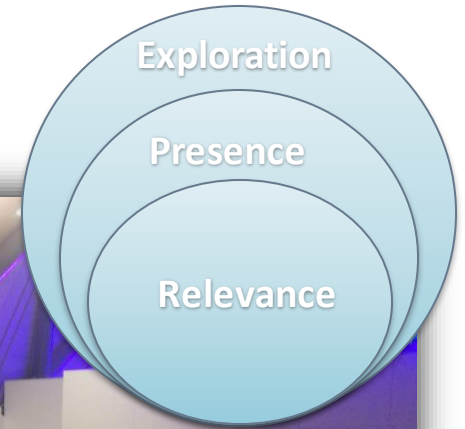


Glasgow Science Centre CLD Model

Phase 3 Exploration cont.

Introducing our community 'Everyday Science' learning modules in a way that is flexible and accessible means that community members can learn about science in a way that is most relevant to their needs and to the issues in their area.

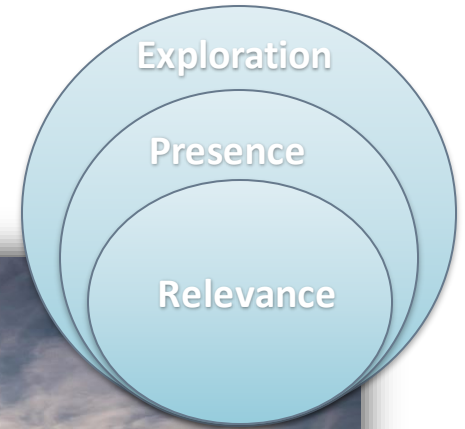
We can do this in community settings or by providing transport for groups to come into the Science Centre.



Glasgow Science Centre CLD Model

Phase 3 Exploration cont.

‘Everyday Science’ can include trips to Whitelee windfarm, visits from experts to discuss particular topics and links into networks such as the STEM Ambassador network where communities can benefit from the support of specialists.

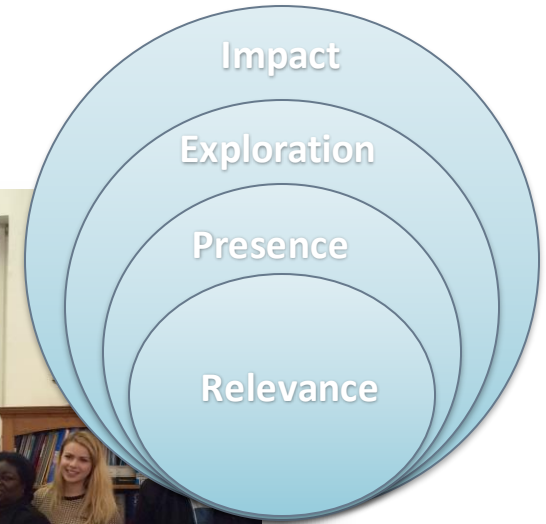
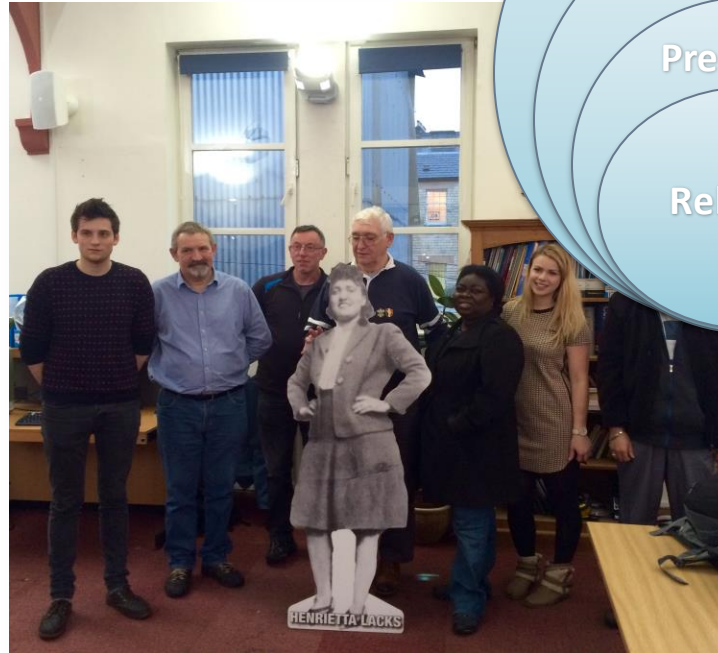


Glasgow Science Centre CLD Model

Phase 4 Impact

Impact happens when capacity is embedded and acted upon at a community level. Putting confidence and learning around STEM at the heart of communities is an important part of this.

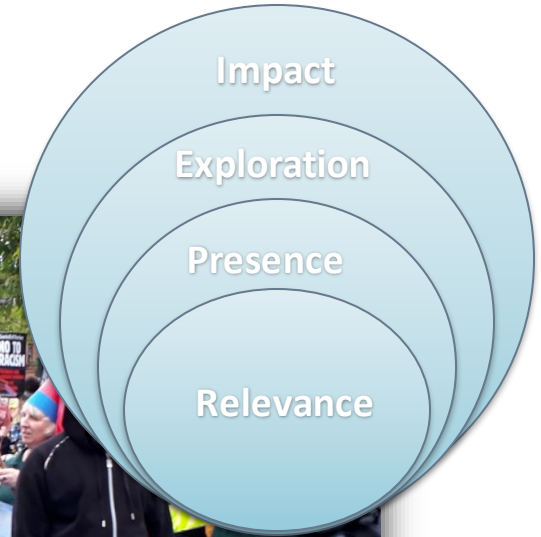
Supporting Community and youth workers to build STEM learning into group activities and providing resources, contacts and links to generate more science capital strengthens community capacity to make change.



Glasgow Science Centre CLD Model

Phase 4 Impact cont.

This can be influenced through Inspire & Challenge training for CLD and Youth workers, facilitating links between and across communities through collaboration and events, and between communities and other agencies.

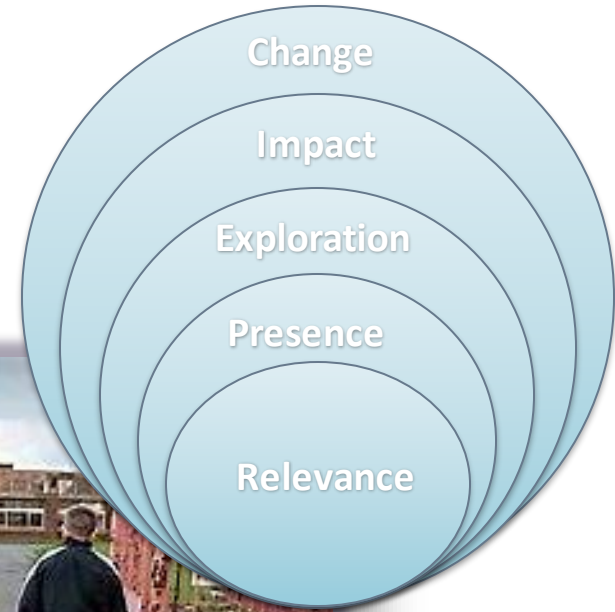


Glasgow Science Centre CLD Model

Phase 5 Change

Change will be unique to the communities we work with. It can be reflected in many ways.

A strengthening of science capital within communities will be reflected in different ways over time, and this will be evident through empowering community members and groups to become critically aware of their circumstances and tackle issues relevant to them.



Glasgow Science Centre CLD Model

Phase 5 Change cont.

It is important for our community programme to have sustainability in order to support change over time.

Mentoring Community and Youth workers to embed science learning into their communities and facilitating a network of community STEM learners beyond the programme are some of the ways we will do this.

