



# Stem Strategy

# Three age groups

- Wee totie science for nursery children
- Step into Science for Primary 7 pupils
- Step into Science for S1/2



# STEP INTO STEM JUNIORS - Activities

- Science
- Dental
- 3D Printing
- Escape Room
- Lego Robots
- Problem Solving & Coding



# STEP INTO STEM JUNIORS - AGENDA

- 9.30 Arrive at 101 Foyer – welcome and meet Chaperones
- 9.45 Activity 1
- 10.20 Activity 2
- 10.45 Break (101 Foyer)
- 11.15 Activity 3
- 11.50 Activity 4
- 12.15 Return to 101 Foyer – thanks and depart



Any Questions?



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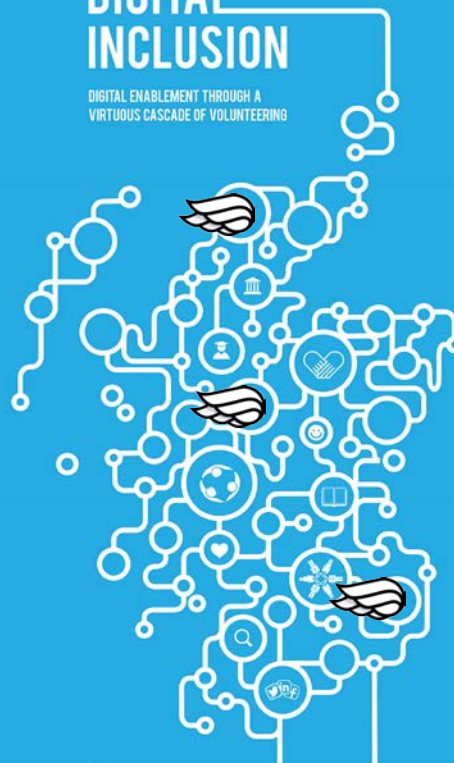
**Corporate Social Responsibility  
2014**



SERIC SYSTEMS  
Technology. Education. Impact.

## DIGITAL INCLUSION

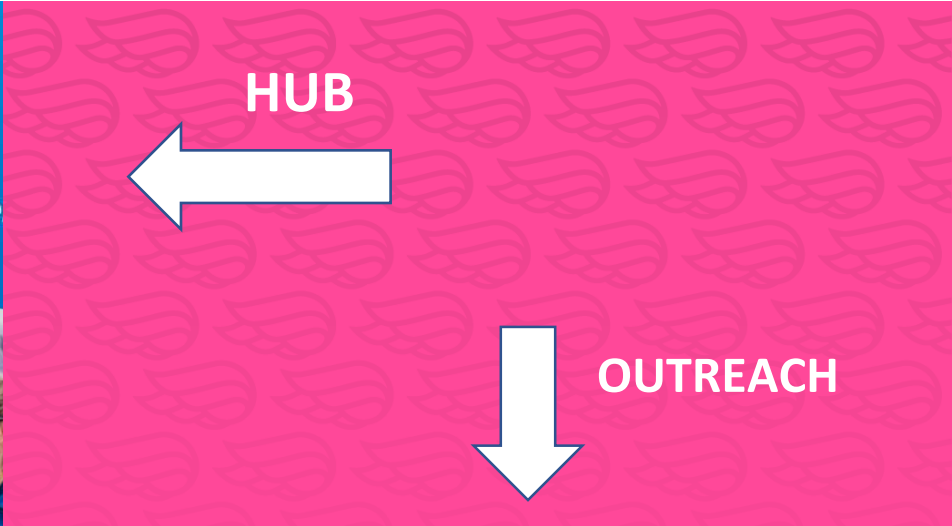
DIGITAL ENABLEMENT THROUGH A  
VIRTUOUS CASCADE OF VOLUNTEERING



 Smart**STEMs**



**Founded as a charity in 2016**



We exist to provide equity of opportunity to young people into STEM with particular focus on the gender and skills gap.



## WORKSHOPS

 Smart**STEMs**

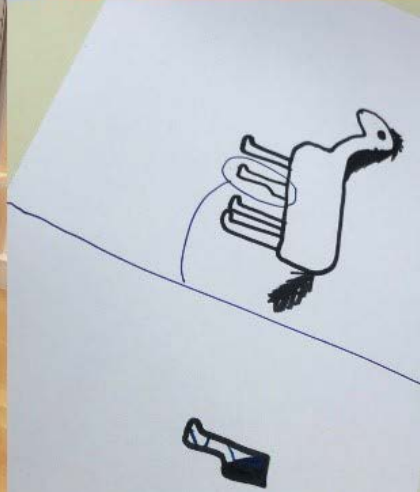












# IMPACT REPORTING



## GROWTH OF SmartSTEMs

**2015**

500 KIDS  
 1 EVENT  
 GLASGOW

**2016**

3000 KIDS  
 5 EVENTS  
 EDINBURGH AND PAISLEY

**2017**

5000 KIDS  
 10 EVENTS  
 HAMILTON, ABERDEEN, AYRSHIRE, PERTH, CARDONALD

**2018**

8000 KIDS  
 12 EVENTS  
 ANNIESLAND, KILWINNING, KILMARNOCK, AMSTERDAM, LONDON



# SERIC

 Smart**STEMs**

Powered by  **EDF ENERGY**

# J.P.Morgan

s|three 

# NATS



Local Community Fund



 **CIRCULAR  
GLASGOW**

an initiative of **GLASGOW  
CHAMBER OF COMMERCE**



THANK YOU TO OUR SUPPORTERS


  
 Powered by 

# SUSTAINABLE DEVELOPMENT GOALS



**4** QUALITY  
EDUCATION



**5** GENDER  
EQUALITY



**10** REDUCED  
INEQUALITIES



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**17** PARTNERSHIPS  
FOR THE GOALS



COMPLETED EVENTS	Venue	Campus	Date	Gender	Age group
	Ayrshire College	Kilwinning	15th February 2019	Girls only	P7/S1/S2
	West College Scotland	Paisley	5th March 2019	Boys and Girls	S1/S2
	Royal Bank of Scotland	Gogarburn	7th March 2019	Girls only	P7
	Edinburgh College	Midlothian Campus	13th March 2019	Boys and Girls	S1/S2
	Glasgow Kelvin College	Easterhouse	15th March 2019	Boys and Girls	S1/S2
	City of Glasgow College	Glasgow	22nd March 2019	Boys and Girls	S1/S2
UPCOMING EVENTS					
	University of the West of Scotland	Paisley	28th May 2019	Girls only	P6, P7, S1, S2
	University of the West of Scotland	Lanarkshire	30th May 2019	Girls only	P6, P7, S1, S2
	Ayrshire College (Girls into Engineering)	Kilmarnock	11th June 2019	Girls only	S1/S2
	Glasgow Caledonian University	Glasgow	17th June 2019	Girls	P6, P7, S1, S2
	West College Scotland	Clydebank	18th June 2019	Boys and Girls	S1
	City of Glasgow College, DYW Circular Event	City	25th June 2019	Boys and Girls	S1/S2
	University of Cardiff	Cardiff	November - TBC	Girls only	P7
EVENTS DATES TO BE CONFIRMED					
	Clyde College	Glasgow	TBC		
	Forth Valley	Stirling & Alloa	TBC		
	Moray College	Elgin	TBC		
	Dumfries and Galloway College	Dumfries	TBC		
	Inverness	Inverness	TBC		
	New College Lanarkshire	Coatbridge	TBC		
	New College Lanarkshire	Motherwell	TBC		
	City of Glasgow College	Riverside	TBC		
	University of Central Lancashire	Lancashire	TBC		
	West Lothian College	Livingston	TBC		
	Edinburgh College	Midlothian Campus	TBC		
	Napier University	Edinburgh	TBC		

	Venue	Locations
<b>University</b>		
	University of Glasgow	Glasgow
	The University of Edinburgh	Edinburgh
	University of St Andrews	St Andrews
	The University of Aberdeen	Aberdeen
	University of Dundee	Dundee
	Heriot-Watt University/Edinburgh Business School	Edinburgh
	University of the Highlands and Islands	Inverness
	The University of Strathclyde	Glasgow
	University of Stirling	Stirling
	University of Abertay	Dundee
	Queen Margaret University: QMU	Musselburgh
	Aberdeen's Robert Gordon University	Aberdeen
<b>College</b>		
	Dundee and Angus College	Arbroath and Dundee
	Fife College	Cowdenbeath, Cupar, Dunfermline, Glenrothes, Kirkcaldy, Leven, Lochgelly and Rosyth
	New College Lanarkshire	Coatbridge, Cumbernauld and Motherwell
	North East Scotland College	Aberdeen and Fraserburgh
	Scotland's Rural College (SRUC)	Aberdeen, Ayr, Broxburn, Dumfries, and Edinburgh
	Borders College	Galashiels, Hawick, Jedburgh and Newtown St Boswells
	South Lanarkshire College	East Kilbride
	Newbattle Abbey College	Dalkeith
	Perth College	Perth
	North Highland College	Thurso





**PLAYBOOK**



**YOUR YOUNG  
PEOPLE NEED**



Karen Murray & Olivia El-Attar  
Thank You!

