

**STEM CLD Event  
19th February 2019  
Glasgow Science Centre**

**Programme**

<b>10:30</b>	<b>Registration &amp; Refreshments</b>
<b>11:00</b>	Welcome - Sam Langford, Glasgow Science Centre (MC/STEM Communicator)
<b>11:15</b>	STEM strategy overview - Where does CLD fit? - Ian Menzies, Education Scotland Learner stories: the impact of STEM learning. Film of learners (children, young people and adults) speaking about their STEM learning experiences
<b>11:30</b>	Taster activities: <ul style="list-style-type: none"> <li>▪ YMCA Paisley - Maker Space</li> <li>▪ Glasgow Kelvin College - virtual reality in youth outreach</li> <li>▪ Learning Link Scotland - Barbie Bungee and/or other family learning activities</li> <li>▪ North Ayrshire Youth Services (DigiDabble)</li> <li>▪ Glasgow Science Centre</li> <li>▪ STEM Ambassadors</li> <li>▪ Digital youth work project - short films</li> <li>▪ Cyber resilience guidance project</li> <li>▪ CoderDojo Glasgow Life</li> <li>▪ Royal Society of Chemistry, Fife Council CLD and the Rio Community Centre in Newport on Tay</li> </ul>
<b>12:15</b>	<b>Lunch</b>
<b>13:00</b>	STEM in the Community: What does it look like? - Sally Pritchard, Glasgow Science Centre
<b>13:15</b>	Workshop Session 1
<b>14:00</b>	Workshop Session 2
<b>14:45</b>	<b>Close &amp; Evaluation</b> - Sam Langford
<b>15:15 onwards</b>	Delegates will have the opportunity to explore the exhibitions of the Science Centre until 17:00

## Workshops

**A. Inspire & Challenge: simple strategies to engage your audience:** Using their 'Inspire and Challenge' ethos, Glasgow Science Centre will share their tried and tested methods to engage young people and build them as scientific thinkers.

**B. Approaches and resources to develop family numeracy:** This workshop will look at different ways to engage families around improving number skills including an overview of the *It's All About Maths* resource used in Edinburgh and the 'Pizza Maths' work delivered in Renfrewshire.

**C. Using STEM resources in community learning settings:** This session will consider resources used to support STEM learning with community learners including looking at numeracy within the context of Scotland's environment: *Counting on a Greener Scotland* and embedding STEM subjects in community learning practice using *Science for a Successful Scotland*.

**D. Getting it right for you: STEM professional learning with CLD practitioners.** Education Scotland leads on the professional learning commitments in the STEM strategy and is gathering feedback from across the learning sector (including CLD) on what is needed. This workshop will include the feedback so far, followed by a discussion on what kinds of STEM professional learning have the greatest impact for CLD practitioners.

**E. STEM Toolkit, 50 fun activities for young people:** Youth Scotland will offer an introduction to their new STEM toolkit (with over 50 STEM-themed activities for young people) which can be delivered in a youth work setting and used to support attainment of the SCQF-levelled Hi5 Award.

**F. Moving forward with the Young STEM Leader (YSL) Programme:** Derived from the Scottish Government's STEM Strategy, an overview of the YSL programme.