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| **Morning sessions** **10.45 – 11.30** |
| **Space** | **Provider** | **Session Title** | **Session Overview** |
| Mobile display | Bun-Sgoil Ghàidhlig Loch Abar (Lochaber Gaelic Primary School) | Plastic - not so fantastic! | Join Lochaber Gaelic Primary School to find out how they're linking STEM and sustainability. Using their Chromebooks, they'll be showcasing their inter-disciplinary learning on plastic pollution and how we can all be more environmentally responsible.  |
| 1 | Kelvin College | Youth Access Programme for young people aged 12-17. | Join the CLD Team from Kelvin College for a hands-on STEM experience! Virtual reality, games design, music creation, Makey Makeys, and Sphero robotics…come along and find out more. |
| 2 | St Thomas Aquinas Secondary School | Show Us What You Are Made Of! | Taking a look at what makes you, you. St. Thomas Aquinas Secondary will help delegates to create their own strand of DNA, understand inheritance - and modify DNA to create a new super teacher! |
| 3 | Mearns Primary School | Technology in Science | Join Mearns Primary School, who'll be demonstrating how they use VR headsets and digital microscopes to enhance their STEM learning, and hydraulic and pneumatic models to explore forces. |
| 4 | Learning Link Scotland | Digi Barbie | What do Barbie, elastic bands and GeoGebra all have in common? STEM, of course! Join Learning Link Scotland to find out how. |
| 5 | Maidens Early Years Centre | STEM Home Learning Bags | Find out how Maidens Early Years Centre are promoting independent enquiry through their Home Learning Bags initiative for 3-5 year olds which include a range of science activities. |
| 6 | Dalmarnock Primary School | STEM in a box | Fun, interactive, easy to resource and pupil-led! Dalmarnock Primary will showcase their STEM challenge boxes which every class in their school uses every Friday afternoon. |
| 7 | Duddingston Primary School Nursery | Woodworking in the Early Years | STEM is for everyone - and Duddingston Primary Nursery will demonstrate how they engage their youngest learners by working with tools and loose parts materials across the Early Level. |
| 8 | Woodmill High School | Inclusive Language in Senior Phase Course Choice | What’s in a name? Does the language we use in schools affect the uptake of subjects? Find out how Woodmill High School changed their course choice process to make STEM more inclusive and pupil-focused. |
| 9 | St Roch's Primary and Hearing Impaired School | I’m a Teacher Get Me Out of Here! | Pupils from St. Roch’s Primary and Hearing Impaired School will help delegates explore their senses through a number of bush tucker trials... with a few surprises included! |
| 10 | Cardinal Newman High School | RASCALS | Cardinal Newman High School will showcase their Young Apprentice and STEM day collaborations. |
| 11 | St Joseph's Primary School | Music from Scratch | Join St Joseph's Primary School who'll be using Scratch, Makey Makeys and Fruit to create music. |
| 12 | Pitteuchar East Primary School | Storytime STEAM | Find out how Pitteuchar East are using well-known stories to develop engineering activities for younger learners. |
| 13 | SSERC | Practical STEM activities for your classroom | Come and try out a range of practical STEM activities from the Scottish Schools Education Resource Centre. Using readily available and recycled resources find out how to bring STEM to life in your setting! |
| 14 | STEM Glasgow Building Blocks | STEM Glasgow Building Blocks | Delegates will have a chance to put their maths skills to the test and create structures through solving a series of structural challenges. |
| 15 | Improving Gender Balance | Gender stereotypes and you | Hear more about how gender stereotypes might impact on classroom practice and what can be done about them. |
| 16 | Energy Skills Partnership Meccano Marvels | ESP Meccano Marvels | Ready to take on the biggest STEM challenge? Visit the Energy Skills Partnership demo area to get your hands on Meccano like you've never seen before! |
| 17 | Education Scotland's Digital Kiosk | STEM Tinker Table | Visit Education Scotland's “Tinker Table” where you can use computational thinking skills to programme a variety of gadgets like Micro:Bits, Drones, Bee-Bots and much more. |

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| **13.15 – 14.00 Afternoon sessions**  |
| **Table** | **Provider** | **Session Title** | **Session Overview** |
| 1 | Middleton Park Primary School | Maths Outdoors | Find out how Middleton Park Primary School is using the outdoors as a context to enrich and extend mathematical thinking. |
| 2 | West Dunbartonshire Council's Creative Maths Team | Paddle Power | Find out how to incorporate maths and numeracy skills in STEM learning…by designing and making your own elastic band-powered boat. |
| 3 | Menzieshill Nursery School | Early Level Coding | Join Menzieshill Nursery School for a hands-on opportunity to find out more about using Code-a-pillar in an early years setting. |
| 4 | North Ayrshire Youth Services & Lifelong Learning | DigiDabble | Hear how North Ayrshire is empowering digital participation in community settings for all ages by using a wide range of different resources. |
| 5 | Seaview Primary School | Paper Helicopters | Making data count! Seaview Primary School have been using paper helicopters to learn about forces in science and develop their skills in numeracy. |
| 6 | Alison McLachlan - Science Educator | Science for a Successful Scotland | Explore the natural world through STEM! Engage in discussions on how STEM can reduce pollution, help us understand our weather… and how the humble boiled egg can be used to explore the impacts of ocean acidification… |
| 7 | Forfar Academy | Drone Academy | Join Forfar Academy to explore a range of STEM activities - from algorithms to drone-coding using Scratch and iPads. |
| 8 | Shaw Mhor Early Years Centre | Tiny Tinkerers | Shaw Mhor Early Years Centre will showcase their excellent tinkering skills using a variety of resources including real tools, natural wood, old tech machines, craft materials and much more. |
| 9 | Duloch Primary School | Making Blood | Join Duloch Primary to find out how they created a model to explore and understand the purpose and components of blood. |
| 10 | Buckie High School | Moray Council – Sharing good practice in STEM | Explore a wealth of successful science activities from across Moray; including tinkering and learning through investigative play, Science Transitions, and holistic assessment in science through the development of Rich Tasks. |
| 11 | St Joseph's Primary School | Forces in Motion | Find out how St Joseph's Primary School has been exploring forces - through the design, construction and testing of catapults! |
| 12 | Youth Scotland | STEM Toolkit activities | Young people will demonstrate activities from the Youth Scotland STEM Toolkit which supports attainment of the SCQF-levelled Hi5 Award. |
| 13 | SSERC | Practical STEM activities for your classroom | Come and try out a range of practical STEM activities from the Scottish Schools Education Resource Centre. Using readily available and recycled resources find out how to bring STEM to life in your setting! |
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| 16 | Energy Skills Partnership Meccano Marvels | ESP Meccano Marvels | Ready to take on the biggest STEM challenge? Visit the Energy Skills Partnership demo area to get your hands on Meccano like you've never seen before! |
| 17 | Education Scotland's Digital Kiosk/Aboyne Primary School | STEM Tinker TableAboyne Primary School Tech Team and Tech Club. | Visit Education Scotland's “Tinker Table” where you can use computational thinking skills to programme a variety of gadgets like Micro:Bits, Drones, Bee-Bots and much more. Introducing real world computing (coding/computational thinking)  to primary school pupils.  |