






STEM Nation Award Record	SEED/CS number	Name of setting	Local authority
	8358427	Balmalloch Primary School	North Lanarkshire

The five elements	Evidence	Strengths	Areas for development	Review date
 Leadership in STEM	<input type="checkbox"/> Strong <input checked="" type="checkbox"/> Sufficient <input type="checkbox"/> Insufficient	<p>Evidence of using the STEM self-evaluation framework to influence the School Improvement Plan, embedding STEM into Improvement Priorities.</p> <p>Central individual driving change with evidence of staff leadership opportunities to develop skills and knowledge in STEM, including STEM leaders and Digital leaders for each stage.</p> <p>Young STEM Leaders create and deliver various activities.</p> <p>Social Enterprise Committee achieved “Best Presentation” from Social Enterprise Academy for Bath Bombs enterprise. DYW Committee awarded NL Progression Pathway Award.</p>	<p>Will be good to hear about the details of CLPL undertaken by staff.</p>	14 Mar 2024
 STEM family learning	<input type="checkbox"/> Strong <input checked="" type="checkbox"/> Sufficient <input type="checkbox"/> Insufficient	<p>Great to see a range of Family Learning events taken place and in planning. Evidence across submission suggests the planned events will be of a high standard.</p> <p>Various STEM at home and Home/School partnership projects, to encourage participation by families.</p>	<p>Excited to hear the levels on engagement at events and impact. Would have loved to see photographs or footage of events. Useful to prioritise Family Learning activities as part of Programme Action Plan.</p>	14 Mar 2024

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 <p>Employability and STEM partnership working</p>	<input checked="" type="checkbox"/> Strong <input type="checkbox"/> Sufficient <input type="checkbox"/> Insufficient	<p>Evidence of partners who represent different genders and backgrounds helping to break down stereotypes. Effective partnership working with cluster school, including using micro:bits and work with Young STEM Leaders.</p> <p>Evidence of sustained partnerships with local, relevant industry partners and members of school community to support STEM and DYW weeks, including talks and K'Nex Competition. Positive feedback from all involved. Exciting session with SmartSTEMs.</p> <p>Great to see the Digital Leaders and Young STEM Leaders supporting transition from nursery to P1.</p>	<p>Consider displays/work across school to show diversity in STEM careers, these would be a beneficial addition for pupil reference, reinforcing inspiration and aspiration.</p> <p>Will be great to hear about the skills developed by the participants.</p>	14 Mar 2024
 <p>STEM curriculum and learner pathways</p>	<input checked="" type="checkbox"/> Strong <input type="checkbox"/> Sufficient <input type="checkbox"/> Insufficient	<p>Robust evidence to support this indicator throughout the whole submission, learning relevant to local labour markets, a skills-based approach, engaging STEM activities embedded throughout the whole curriculum including outdoor learning. Additionally coherent transition from nursery to P1 and from P7 to high school. Thorough project based planning in short-term and long-term contexts for STEM across all years, ensuring Responsibility for All outcomes and cross-curricular links highlighted and embedded.</p> <p>Pupil voice informed planning led to development of STEM afternoons.</p> <p>Sustainability and Outdoor Learning also incorporated into curriculum.</p>	<p>Would be interesting to hear about approaches to inclusive practice and strategies for pupils with additional support needs.</p>	14 Mar 2024

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 <p>Equity and equality in STEM</p>	<input type="checkbox"/> Strong <input checked="" type="checkbox"/> Sufficient <input type="checkbox"/> Insufficient	<p>Staff have engaged in professional learning on equity. Application process to join YSL Group, where certain groups are targetted, including SIMD 1 /2 and PEF learners. PEF funding has been used for digital technologies, to ensure equitable access, including loaning to family for home use. The devices have also been used to support literacy programmes. YSL team recorded IGBE in STEM presentation for SLF 2022. The YSL Inspire Module, provides opportunity to consider stereotypes and misconceptions. Their learning is presented at an assembly.</p>	<p>14 Mar 2024</p>
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Action plan

Review date: 28 April 2024

Comments:
 Thorough Action Plan which addresses the needs of the setting and will ensure STEM practice further develops. Formalising a professional learning calendar to address the needs of colleagues is strategic. Exciting to see family learning events and transition events are key priorities and incorporating surveys to plan and track impact.

Validation

Review date: 28 April 2024

Award renewal date: 28 April 2027

Comments:
 It was a pleasure to discuss all the exciting STEM activities taking place at Balmalloch Primary School, with a highly committed team. Prioritising STEM within the School Improvement Plan has ensured high quality practice is fully embedded across the school. Strategic approaches have allowed for collaboration across the school, nursery and the wider community. STEM has had a positive impact on young people, providing inspiring opportunities to improving engagement and developing a wide variety of skills. Young STEM Leaders and Digital Leaders further enhance their skills and support other learners across the setting. Work with Kilsyth Academy will provide further opportunities for the Young STEM Leaders to continue on their journey. Fantastic opportunity to provide support to other North Lanarkshire settings on their STEM journeys, including curriculum planning and DYW approaches.