

**RAiSE Programme Aim:**

To establish consistently high-quality experiences of and engagements with STEM education at primary school in order to promote election of STEM subjects at an HE/FE level, thus supporting a STEM-equipped workforce for Scotland's future economic prosperity.

**RAiSE Programme Objectives:**

Build Capacity at Local Authority level to deliver a coordinated approach to STEM education *and to support sustainable and evolving improvements in STEM learning and teaching throughout primary schools.*

Work collegiately to support establishments in meeting the aspirations of the National Improvement Framework.

*Create and promote opportunities for practitioners to consider STEM as a context for developing literacy and numeracy skills.*

Promote joint curriculum planning to ensure effective progression in STEM learning between sectors *from early years to secondary schools, including ASN provision where appropriate.*

Contribute towards curriculum development which supports high quality, relevant and contextualised STEM learning, teaching and assessment.

*This should reflect the principles of CfE, align with the national benchmarks and exemplify the principles of good curriculum design.*

Build the confidence, skills, knowledge and enthusiasm of primary school practitioners

*Through high quality CLPL in relation to the teaching of STEM content and pedagogy.*

*Through creation & development of practitioner networks for primary science or STEM which promote communication, collaboration and the opportunities to share good practice.*

*Strengthen connections between practitioners, partner organisations and industry sectors to ensure effective opportunities are provided for collaborative and collegiate networking.*

Establish and grow partnerships for STEM education through connections with a wide range of relevant agencies and local, national and international industry.

*Harness resources and local support which will help develop real-life context for STEM across schools and the wider school community.*

Develop and promote opportunities for all learners to increase their experiences, engagement, enthusiasm and achievement in STEM.

*Champion equality and challenge inequities in STEM learning and STEM opportunities where they exist.*

Support the development of skills progression in STEM through real life, contextualised learning opportunities linked to STEM careers.

*Make appropriate links to the Career Education Standard and the skills for learning, life and work.*

