

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.

