



## DigiMaths

### ERASMUS+ Strategic Partnership: Using Digital Technologies to Improve Numeracy and Mathematics Learning

Learning Link Scotland is leading a 2-year European partnership project. The project will examine the use of digital technologies in the teaching of numeracy and mathematics.

Partners from five European countries will identify how educators can use digital technologies to teach numeracy and mathematics effectively.

The partners in the Project are:

- Learning Link Scotland (Scotland, UK)
- LTA Solutions Ltd (Northern Ireland, UK)
- Trinity College Dublin (Ireland)
- Vaasa Vocational Institute (Finland)
- The Centre for Teaching Resources, University College Copenhagen (Denmark)
- Swiss Federation for Adult Learning (Switzerland)

The partners will visit each other's countries and study practice in schools, universities, vocational colleges and adult learning centres. They will develop guidance and training resources to share across Europe.

The project will culminate in a multinational conference in Scotland in summer 2017.

Jackie Howie, Lead Officer at Learning Link Scotland, says, "We at Learning Link Scotland are delighted to be leading this project. We have a lot to contribute from Scotland and a lot to learn from our partners. We are particularly pleased that we are adopting a cross sectoral approach to teaching mathematics."

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### Project aims, activities and outcomes:

#### Our aims:

- identify and share, across educational sectors, the value of integrating digital technologies into numeracy teaching in VET, adult education, higher education and schools
- provide opportunities (during the project and afterwards through produced materials) for educators to use digital technologies to maximise the impact of learning and teaching in numeracy

#### What we will do:

- carry out a literature review of international research into effective use of digital technologies in the teaching of numeracy – to establish *if* it can be used effectively, and if so, *how* it should be used
- undertake a multi-country survey (including countries outside the partnership) to identify current practice in the use of digital technologies to teach numeracy
- visits in partners' countries, where appropriate, to observe and record effective practice in the use of digital technologies to teach numeracy to adults
- produce a project report on effective practice in using digital technologies to teach numeracy
- produce guidance for teachers on effective practice in using digital technologies to teach numeracy
- produce resources for teaching numeracy using digital technologies
- produce a training session for teachers of numeracy on how to use digital technologies in teaching and learning, including the use of the resources we have produced.

#### We hope this project will result in:

- increased European educators' knowledge and understanding about the potential value of using digital technologies in post-16 numeracy teaching and learning
- increased knowledge and understanding of the different sectors of education in our own and each other's countries
- improved numeracy teaching and learning for learners, across sectors, as a result of our increased knowledge, skills and understanding in teaching using digital technologies

