

Promoting Active Learning in Numeracy for All Learners

Improving learning in numeracy is a foundation of further learning and a gateway to employment and social inclusion. By 2020 less than 15% of 15-year-olds should be classed as 'low-achieving' in those basic skills, as measured by PISA tests. The PISA results (2012) show that 22.1% of European students were low achievers in numeracy.



Come, experience a warm welcome in Northern Ireland, make friends with colleagues from other European countries and learn about engaging learners more actively in their own learning. During this course we shall have the opportunity to explore one of the mathematical wonders of the natural world: The Giant's Causeway - a UNESCO World Heritage Site.

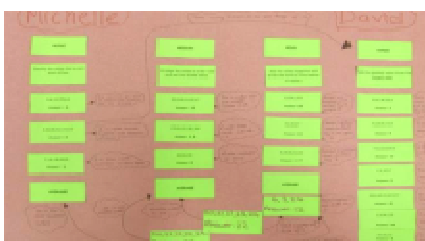
Background to the course

Active learning, as the name suggests, is an approach to learning and teaching that engages learners actively in their own learning and leads to deeper understanding.



Carefully planned discussions, tasks and activities promote critical thinking and reflection but also provide valuable feedback on learning to teachers and learners which enables lessons to be modified as learning occurs or misconceptions are revealed.

Topics will include: number, decimals, fractions, ratios, measurements, area, volume, shapes, handling data and basic algebra.



This very practical and personal development programme is evidence-based and delivered through relaxed interactive workshops. It is designed to build the competence and confidence of teachers / tutors as they seek to meet the specific needs of all learners.

Dates of current sessions

Session N1 09-13 August 2016

Session N2 02-06 January 2017

Application for funding deadline:

02 February 2016

Objectives of the course

During this course participants will have the opportunity to:

1. Critically reflect on current beliefs and practices regarding the teaching and learning of numeracy to all learners.
2. Explore evidence-based approaches in which learners may become more actively engaged in their own learning
3. Develop a rich collaborative learning activity that may be used to promote the development of numeracy skills.
4. Build confidence and competence in planning, delivering and assessing more challenging and active learning opportunities.



Who should attend?

- Teachers / tutors from schools; VET or Adult Education
- Second chance or remedial education providers
- Higher education institution offering outreach courses for adults
- Organisations working with migrant groups/ethnic minorities

Location

Belfast, UK

Lead Trainer

Jill Brown MA, BEd(Hons), AdvDipMP