NALA and the ‘Research in School & Education’ (RISE) Research Group, School of Education, Trinity College Dublin present:

**What really counts in numeracy practice?**
A professional development event for adult numeracy practitioners and further education and training practitioners who want to learn more about numeracy

**Synge Theatre, Arts Block, School of Education, Trinity College Dublin**
**Thursday 5 March 2020 from 9.30 am to 3.30 pm**

9.30 **Registration: Tea and coffee**

10.00 **Welcome**
Damian Murchan, Head of School of Education, Trinity College Dublin

10.05 **Opening remarks**
Chairperson: Aibhín Bray, Assistant Professor in Education, School of Education, Trinity College Dublin.

10.10 **NALA update**

10.20 **Adult numeracy activity in the ETBs: Research summary of current practices and future development.**
Merrilyn Goos, Professor of Science, Technology, Engineering and Mathematics (STEM) Education, Director EPI STEM, National Centre for STEM Education, School of Education, University of Limerick.
10.45 **Making algebra work for you: Exploring structure to strengthen mathematical understanding.**
Dr Aisling Twohill, Assistant Professor in Mathematics Education, Institute of Education, Dublin City University.

11.10 **The impact of mathematics anxiety on the adult learner.**
Dr Maria D. Ryan, Lecturer in Business, School of Post Primary Education, Mary Immaculate College, Thurles, Co. Tipperary.

11.30 **Problem solving: Perspectives on cognitive load theory and scaffolding.**
Tony Sweeney, Maths Trainer.

11.50 **Go to workshops.**

**12.00 – 1.30 Workshops:**
**Note:** Please bring a laptop or tablet to this workshop.

B. **Strategies to solve mathematical problems using both practical and fun approaches** - Tony Sweeney, Numeracy Trainer.

C. **Analysing errors and misconceptions in mathematics** - Mark Prendergast, Lecturer in mathematics education, University College Cork.

D. **Numeracy for adult learners: Developing conceptual understanding and procedural fluency in context** - Merrilyn Goos.

E. **Percentages, financial maths and growth patterns** - Sheelagh Clowry, Maths Trainer.

F. **Helping adult learners overcome mathematics anxiety: The role of the tutor** - Dr Maria D. Ryan.
G. Balancing challenge and differentiation in mathematics teaching:
Lessons from primary education - Seán Delaney, Registrar and Vice President for Academic Affairs, Marino Institute, Dublin.

1.30 Lunch

2.00 – 3.30 Workshops:
H. Building a rapport and motivating students in maths teaching and learning - Elaine O’Brien and Sharon Doyle, Maths Teachers, Youthreach Blanchardstown, Dublin and Dun Laoghaire ETB.

Note: Please bring a laptop or tablet to this workshop.

J. Making statistics and data easier to understand - Eoin MacCuirc, Assistant Principal, Technology Division, Central Statistics Office.
K. Analysing errors and misconceptions in mathematics - Mark Prendergast, Lecturer in mathematics education, University College Cork.
L. Percentages, financial maths and growth patterns - Sheelagh Clowry, Maths Trainer.
M. When am I ever going to use this: Understanding the need for Algebra – Arlene Murphy, Professional Development Service for Teachers (PDST)

3.30 Close

Registration fee:
€30 if you or your organisation is a paid member of NALA.
€60 if you not a member.

For further information and to join NALA, visit our website
Note: If the conference fee is difficult for you or your organisation, please contact Fergus Dolan in NALA at fdolan@nala.ie

Securing your place:
You can pay directly to NALA using:

- online transfer of money,
- credit card,
- or cash.

Or, we can send an invoice to you or your organisation – just select this option while registering and let us know where you would like the invoice to be sent.

If you have not told us the person and organisation that we should invoice, we will send the invoice directly to you.

Cancellation policy: If you register for the event and cannot attend, please let us know. If you cancel without giving us two days’ notice, the full cost will be charged to you or your organisation.