The essence of maths – the essentials in maths learning

The intent of this workshop is to think about the essence of the maths curriculum. Professor Peter Sullivan, expert contributor to the Australian Curriculum: Mathematics, describes the essentials in maths learning.

WORKSHOP AGENDA

Description	Time
1 | Let's begin – our initial thinking 1 Form a group of three. 2 Choose one person to record and one to time keep. 3 Share your initial thinking of what you think is essential in maths learning. 4 Recorder: Present 3 ideas back to the whole group.	5 min
2 | Introduction In this workshop we hear from expert Professor Peter Sullivan who had a lead role in the development of the Australian Curriculum: Mathematics shaping paper. We will discuss his thinking and analyse how this fits with our own.	2 min
3 | Learning process 1 Watch the video clip[1] of Professor Sullivan (4.08 min). 2 Personal reflection – While watching the clip reflect on the following: a) What are Professor Sullivan's main points? b) How does this connect with my current understanding of maths? c) What was new for me? 3 Group discussion: • Pool your main points from a) and cluster them by theme. • How does the expert opinion fit with our individual and shared understandings of the 'essence' of maths? • Share your c) responses and identify any patterns in this.	25 min
4 | Summary of learning What is our agreed position about the essence of maths – the essentials in maths learning? As a table group complete this statement: **The essence of maths is:**	5 min

NOTES

[1] TLinSA.ti.cc/MathSullivan

5 | Commitment to action

We know that the proficiencies are essential in maths learning.

The one thing I will do to include a focus on proficiencies when designing learning in maths is:

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by ..... **and I will check-in with** .....