AUSTRALIAN LITERACY EDUCATORS' ASSOCIATION

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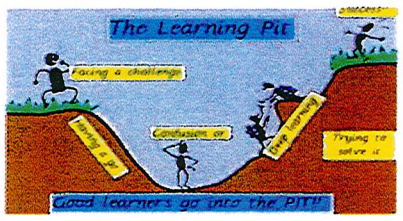
NUMBER TALKS WORKSHOP – PLACEMAT

BUILDING BLOCKS OF NUMBER TALKS

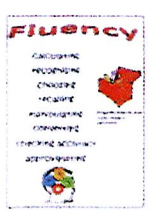
CLASSROOM CULTURE

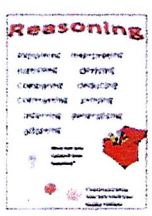
- 5 okays
- Zone of confusion or learning pit



CURRICULUM

- Proficiencies
- Content

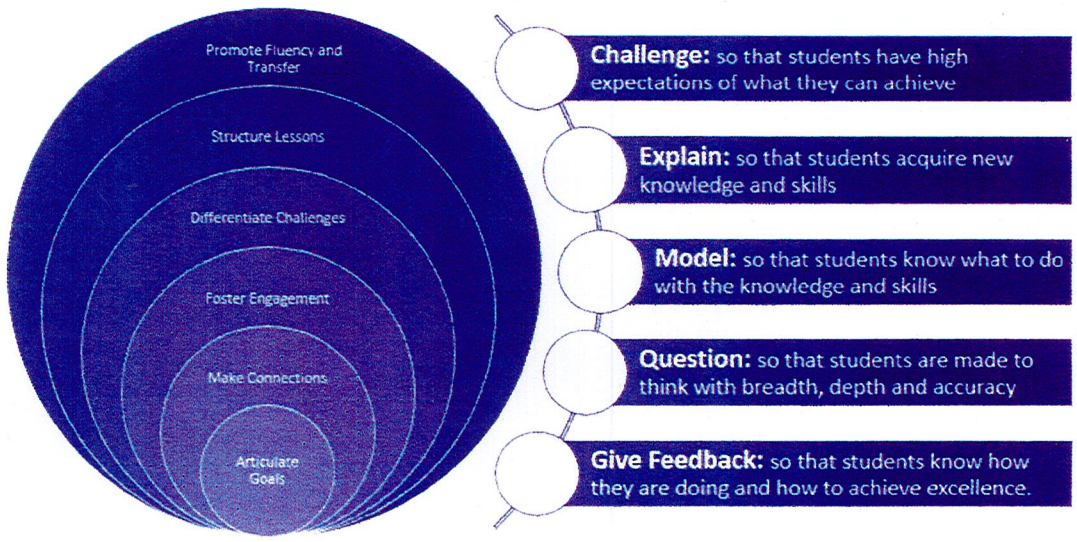


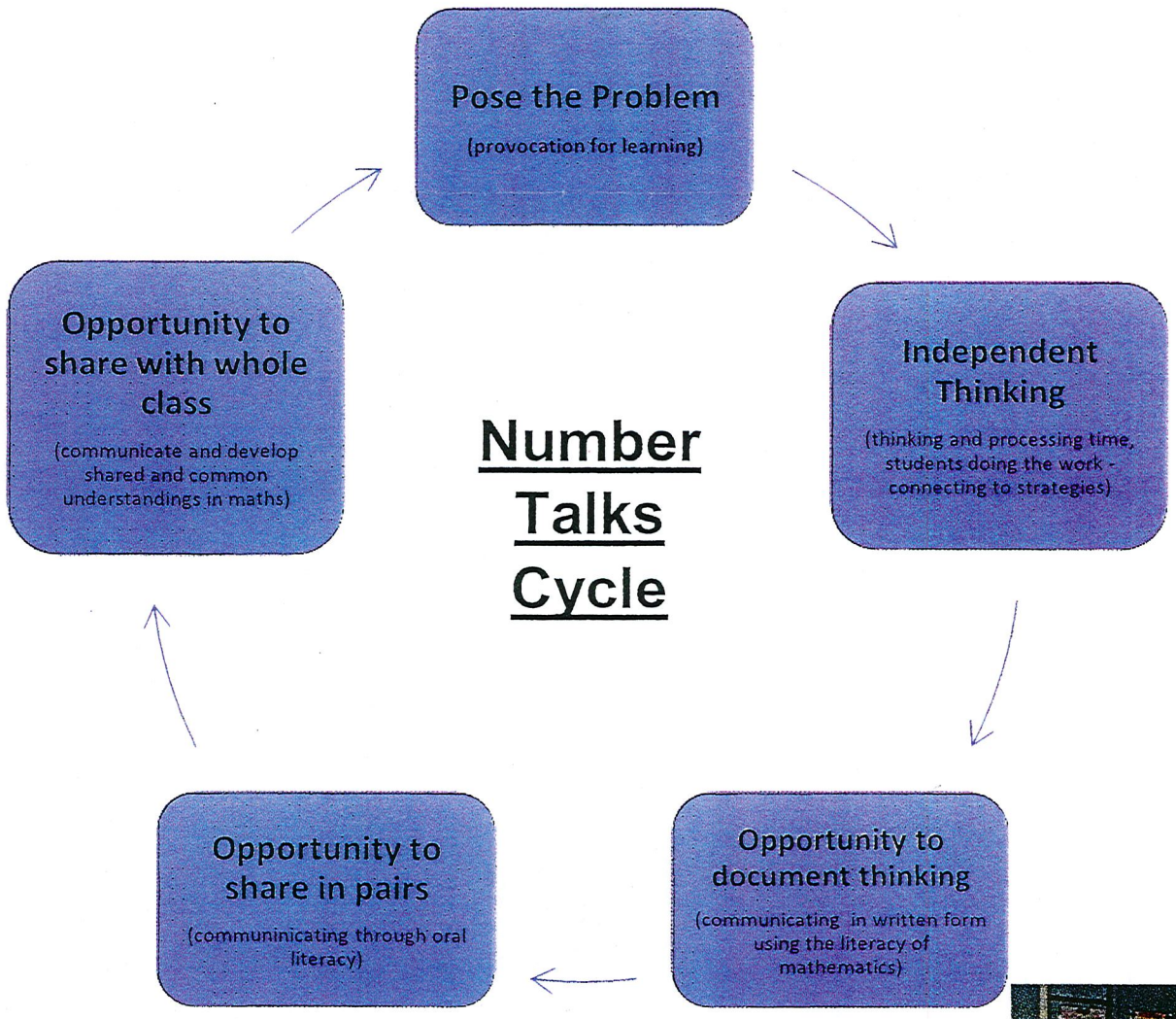


APPROACH

- strategies
- inquiry/problem based through cycle
- principles
- resources to support
- differentiation

Principles and practices that underpin our pedagogical approach



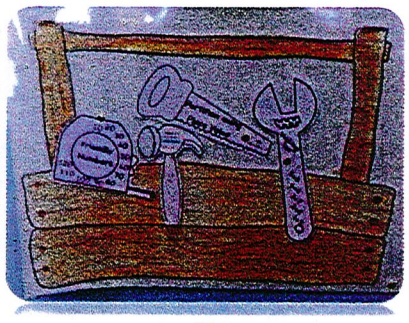


The Disciplinary Literacy of Maths

Mathematical literacy is being able to do, understand and apply mathematics, not only in the classroom, but in everyday lives. Ensuring that students are mathematically literate must be a priority. Incorporating reading, writing, listening, speaking and critical thinking in instruction, provides students with opportunities to develop literacy in mathematics while deepening their mathematical proficiencies.

Practices that promote and develop maths literacy:

- Number Talks
- Engagement with Quality Literature
- Authorship of Wordwalls, Anchor Charts
- Reflections in a Maths Journal
- Use of oral and written sentence Stems



Maths Reflection Journal

Purpose: to reflect on and share learning as a mathematician.

What Mrs Rust is looking for: what you know, the strategies you use, the materials you use, the challenges you experience, the success you experience and the connections made between key mathematical ideas.

Reflection Stems:

I have learnt...
I was challenged by...
I found it helpful to...
Something new for me...
I was a mathematician by...
WOW!
I would like to celebrate...
I am really improving in...
Something tricky for me was...
A great strategy is...
A handy hint to...is....
I practised my skills in...
Today I used...
Today I discovered...

My Maths Language

Writing | Draw