

NEED-LEVELS-CHOICE: Teaching Equations Epically

Presenter & Facilitator: Richard Andrew

Attn: Mathematics Leaders & Teachers

This could be you!



Start With A Bang!

Students are initially given control through being given choice. (You offer them some agency!) From the outset, students are empowered - they realise, 'I can do this!'



"Please ... show me your method!"

When students reach the more difficult equations, they beg you to show them your favourite algebraic method. (You read that correctly ... they BEG!)



Success Breeds Success

Within ten minutes, students love solving equations - even those who typically struggle with abstract mathematics - because they are experiencing success!



A Short Online Course

Self-paced, facilitated, interactive, online PD.

\$40 pp +GST in Australia.

Classroom implementations are a **KEY FEATURE** of the program.

Course Starts: Whenever you are ready!

Duration: 1-2 hrs.

Info: <https://tinyurl.com/N-L-C-PD>

I used the Need-Levels-Choice approach this week with my 10.2 class as a means of revision. One of my lower ability students really had no clue, initially, on the Level 1 equations. So I just asked her prompting questions such as 4 plus how many will give you 7? Then I gave her lots of questions as support for the Level 3 and 4 equations. Just before class finished yesterday (our second lesson) she attempted a level 5 question! I stood by her and just asked what she needed to do next to make sure she was on the right track. Last year I spent 4 lessons on revision (a saving of 2 lessons this year with this approach) and am certain this girl would not have managed the level 4-5 equations! Natalia Curline, Nowra Christian School, March 2022