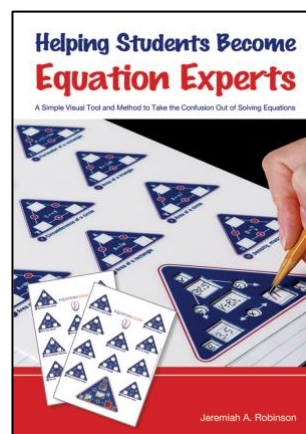


Helping Students Become Equation Experts

Author(s): Jeremiah A. Robinson

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Focus Area: Activities and Exercises, Graphic Organisers
Key Learning Area: Mathematics, Science



Summary

Here's good news for anyone who is
...learning to solve equations,
...baffled by equations,
...trying to teach students to solve equations, or
...trying to help someone with equation homework.

The award-winning *Equation Expert* method uses a simple and logical visual approach that makes sense to anyone who might be left behind by a traditional means of learning to solve equations.

Use the provided *Equation Expert* template to clarify and solve twenty different kinds of equations, including mathematical and scientific formulas. Using the *Equation Expert* you can...

- Find perimeters of plane figures
- Calculate percentages and unit prices
- Find area and volume of basic solid figures
- Solve one-step and two-step algebraic equations
- Solve basic physics formulas

Helping Students Become Equation Experts includes:

- the Equation Expert template itself
- instructions for solving each of the twenty different kinds of equations
- practice problems for all kinds of equations
- a comprehensive assessment
- a guide for teachers to help students transition from the Equation Expert method to using standard algorithms for solving equations

Other Resources

- *Graphic Organisers for Maths* (INA2649)
- *Graphic Organisers for Science* (INA2670)
- *The Xs and Whys of Algebra: Key Ideas and Common Misconceptions* (SHP2755)
- *Energising Smart Starters – Pre-Algebra: Motivational Exercises to Stimulate the Brain* (INA2601)