



Using and Applying Mathematics at Key Stage 2: A Guide to Teaching Problem Solving and Thinking Skills (Paperback)

By Elaine Sellars, Sue Lowndes

Taylor Francis Ltd, United Kingdom, 2003. Paperback. Book Condition: New. 290 x 198 mm. Language: English Brand New Book ***** Print on Demand *****.All pupils - able children included - need to be taught strategies to enable their thinking skills to progress. They also need help with developing different approaches to problem solving. A sustained piece of work that requires perseverance, logical strategies, and refinement of method and extension of the original task is not the same as a straightforward quick-fix type problem. Both types of problem solving need to be taught. This book presents a series of activities that can be used with whole classes to provide a curriculum for the teaching of problem solving and the development of thinking skills. Each tried and tested investigation is clearly explained with ideas on how to introduce the task to a class, full solutions and resource sheets. Activities include prisoners: a fun way of generating square numbers; handshakes: exploring arithmetic progressions; T-shape: an activity to lead pupils from numerical calculations to algebraic generalizations; frogs: encouraging systematic working and listing; and opposite corners: an advanced piece of work for independent learners.



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Reviews

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

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This kind of book is every little thing and taught me to looking ahead of time and a lot more. I am quite late in start reading this one, but better then never. I found out this book from my dad and i encouraged this pdf to find out.

-- Justus Hettinger