



Changing the Subject?: Innovations in Science, Maths and Technology Education

By -

Taylor Francis Ltd, United Kingdom, 1996. Paperback. Book Condition: New. 229 x 168 mm. Language: English Brand New Book ***** Print on Demand *****.Change in education is too often a process which enthusiasts, ranging from top policy makers to groups of teachers, plan and drive forward, but in which they all find unexpected pitfalls. Every innovation depends on the commitment of schools and teachers to make it work. But often that commitment is lacking, or is less than total, or it turns to frustration as events develop. This book is based on a set of stories from teachers and education professionals in thirteen OECD countries. Twenty-three case studies of educational innovation in science, mathematics and technology have involved school teachers, inspectors, academics (both subject specialists and educational researchers), policy makers and advisors. The case studies come from Australia, Canada, France, Germany, Ireland, Japan, the Netherlands, Norway, Scotland, Spain, Switzerland and the USA. Drawing on this rich variety of material the authors concentrate on the origins and purposes of innovation within and across the science, mathematics and technology curricula. They consider the conceptions of the three subjects, along with issues of teaching, learning and assessment, and explore the involvement of both...



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