

## EQUITY AND SCIENCE EDUCATION REFORM



SHARON J. LYNCH

## Equity And Science Education Reform

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**Summary :** Free equity and science education reform pdf download - this lucid accessible thought-provoking discussion of issues related to equity in science education reform is for science educators including idealists and exacting pragmatists who are dedicated to exploring what it means to put into practice rallying cries like science literacy for all equity and excellence and standards-based reform intended as an enjoyable and stimulating read as opposed to a comprehensive summary of everything ever written about equity in science education it is a response to the new science education standards and reforms with their goal of science literacy for all if this goal is to be taken seriously the implications are immense a central purpose of this book is to project and discuss how achieving this goal would affect science education reform and vice versa the work is research based using statistics tables and figures drawn primarily from nsf reports and other public information documents to provide a foundation for equity concerns however these statistics are not the main focus of the book rather they are used to make a case backed by pertinent research the literature on best practice and provocative examples from schools and classrooms charts tables and graphic organizers provide visual evidence and enhance the arguments presented moving from research-based studies to classroom stories equity and science education reform encourages readers to think about the complexity of the issues no easy answers or quick fixes are offered researching across identity areas and attempting to unite them in a discussion that recognizes both the common elements as well as important distinctions it provides a comprehensive picture of equity concerns across ethnicity class gender and location encompassing a broad literature in science education reform and policy and equity issues it offers an equity schema as a unifying concept to guide discussion throughout this book is based in part on a series of nine background papers that were commissioned by the american association for the advancement of science s project 2061 and the summary document which was written by the author of this book but it goes far beyond the original study to provide a consistent coherent and lively discussion that vividly illustrates the issues raised by the experiences of teachers and students who are struggling with equity principles in the context of science

education reform

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