

• THE
SUBJECT
MATTERS

- *Classroom
Activity
in Math
and
Social
Studies*

SUSAN S. STODOLSKY

Subject Matters Classroom Activity In Math And Social Studies

Torsten Husén, T. Neville Postlethwaite

Subject Matters Classroom Activity In Math And Social Studies:

The Subject Matters Susan S. Stodolsky, 1988-04-25 To achieve quality education in American schools we need a better understanding of the way classroom instruction works Susan S Stodolsky addresses this need with her pioneering analysis of the interrelations between forms of instruction levels of student involvement and subject matter Her intensive observation of fifth grade math and social studies classes reveals that subject matter a variable overlooked in recent research has a profound effect on instructional practice Stodolsky presents a challenge to educational research She shows that classroom activities are coherent actions shaped by the instructional context especially what is taught Stodolsky contradicts the received view of both teaching and learning as uniform and consistent Individual teachers arrange instruction very differently depending on what they are teaching and students respond to instruction very differently depending on the structure and demands of the lesson The instructional forms used in math classes a basic subject and social studies classes an enrichment subject differ even when the same teacher conducts both classes Social studies classes show more diversity in activities while math classes are very similar to one another Greater variety is found in social studies within a given teacher s class and when different teachers classes are compared Nevertheless in the classrooms Stodolsky studied the range of instructional arrangements is very constricted Challenging the back to basics movement Stodolsky s study indicates that regardless of subject matter students are more responsive to instruction that requires a higher degree of intellectual complexity and performance to learning situations that involve them in interaction with their peers and to active modes of learning Stodolsky also argues that students develop ideas about how to learn a school subject such as math by participating in particular activities tied to instruction in the subject These conceptions about learning are unplanned but enduring and significant consequences of schooling The Subject Matters has important implications for instructional practice and the training education and supervision of teachers Here is a new way of understanding the dynamics of teaching and learning that will transform how we think about schools and how we study them *Resources in Education* ,1995-10

A Survey of Recent Literature on Teachers' Subject Matter Knowledge Mary M. Kennedy, 1990 *Planning and Managing Learning Tasks and Activities* Jere E. Brophy, 1992 The third volume in the series *Advances in Research and Teaching* which aims to document advances in the understanding of topics and then to stimulate further work Contents include planning and managing learning activities problem solving in maths school literacy and elementary art The Teacher Educator's Handbook Frank B. Murray, 1996 Compilation of articles on the pedagogy of education **Announcement of Summer School** University of Cincinnati, 1930 *The International Encyclopedia of Education* Torsten Husén, T. Neville Postlethwaite, 1994 **Class-size Opinions, Evidence, and Policies in Secondary Schools** Earl Hudelson, 1929 **Teaching Children Mathematics** , 1994 A Research Companion to Principles and Standards for School Mathematics Jeremy Kilpatrick, Wayne Gary Martin, W. Gary Martin, Deborah Schifter, National Council of Teachers of

Mathematics,2003 This useful companion to Principles and Standards is for anyone seeking to explore the underpinnings of that document in the scholarly literature It synthesises a sizeable portion of the professional literature to lend valuable insight into current thinking about school mathematics and presents a comprehensive analysis of what research should be expected to do in setting standards for school mathematics

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Teaching Science Through Discovery Arthur A. Carin,1985 The eighth edition of Teaching Science Through Discovery has been extensively revised not only to inform the reader of sweeping reforms in science education but also to provide some perspective and strategies to initiate these reforms in science classrooms **Journal of Health, Physical Education, Recreation** ,1932 The Journal of Health and Physical Education ,1932 *Alberta Journal of Educational Research* ,2000

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