

1. Record Nr.	UNINA9910783381903321
Titolo	Teaching and Learning in the Science Laboratory [[electronic resource] /] / edited by Dimitris Psillos, H. Niedderer
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2002
ISBN	1-280-61908-2 9786610619085 0-306-48196-0
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (X, 270 p.)
Collana	Contemporary Trends and Issues in Science Education, , 1878-0784 ; ; 16
Disciplina	507.1
Soggetti	Science—Study and teaching Learning, Psychology of Educational technology Physics Astronomy Chemistry Science Education Instructional Psychology Digital Education and Educational Technology Physics and Astronomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General Introduction -- General Introduction -- Approaching Labwork: Frames and Tools -- Varieties of Labwork: A Way of Profiling Labwork Tasks -- Issues and Questions Regarding the Effectiveness of Labwork -- Talking Physics in Labwork Contexts - A Category Based Analysis of Videotapes -- Students' Understanding of the Nature of Science and its Influence on Labwork -- Standard Labwork Based on Hands-on Experiments -- Modelling Activities of Students During a Traditional Labwork -- Students' Intellectual Activities During Standard Labwork at Undergraduate Level -- A Laboratory-based Teaching Learning Sequence on Fluids: Developing Primary Student Teachers' Conceptual

and Procedural Knowledge -- Development and Evaluation of a Laboratory Course in Physics for Medical Students -- The Biology Textbook as a Source of Ideas about Scientific Knowledge and Experimental Activity -- Open-Ended Labwork -- The Role of Epistemological Information in Open-ended Investigative Labwork -- The Effectiveness of Mini-projects as a Preparation for Open-ended Investigations -- Data Interpretation Activities and Students' Views of the Epistemology of Science during a University Earth Sciences Field Study Course -- Labwork and Data Handling -- The Use of Secondary Data in Teaching about Data Analysis in a First Year Undergraduate Biochemistry Course -- An Investigation of Teaching and Learning about Measurement Data and their Treatment in the Introductory Physics Laboratory -- Labwork Based on Integrated Use of New Information Technology -- Enhancing the Linking of theoretical Knowledge to Physical Phenomena by Real-time Graphing -- The Link of Theory and Practice in Traditional and in Computer-based University Laboratory Experiments -- Computer Tools in the Lab - Effects Linking Theory and Experiment -- Modelling in Geometrical Optics Using a Microcomputer -- Evolution of Students' Reasoning about Microscopic Processes in Electrostatics under the Influence of Interactive Simulations.

Sommario/riassunto

Scope of the book There is an on-going debate regarding the role of labwork in science education, which dates back several decades and which illustrates the conviction and interest of teachers, researchers and policy-makers world-wide in the value of laboratory work for understanding science. This is evident in more recent books and studies regarding the laboratory, which mainly refer to countries with a considerable tradition in practical work in science education (Woolnough & Alsop 1985, Hodson 1993, Hegarthy-Hazel 1990, Wellington 2000). Yet in discussing research studies on labwork, several authors express their concern about its effectiveness in facilitating students' understanding of various aspects of scientific inquiry. They point out a comprehensive re-conceptualisation of the aims of labwork and, as a consequence, of investigating what the students actually learn in different contexts (Lazarowitz & Tamir 1994, Tobin & Tippins 1993, Lunetta 1998). It has also been argued that the relationship between instructional activities and student learning in labwork needs more attention than it has been given in science education research (Leach & Paulsen 1999). It appears that the case for research-based labwork emerges in several quarters in science education, particularly among researchers. This book presents and discusses a variety of laboratory practices and their effectiveness. The studies take into account recent theoretical developments and empirical results concerning students' understanding of scientific inquiry. A whole chapter is devoted to technological advances offering new learning opportunities for the students and teaching facilities for the teacher.

2. Record Nr.	UNINA9910961522603321
Titolo	The urban sociology reader // edited by Jan Lin and Christopher Mele
Pubbl/distr/stampa	London ; ; Abingdon, Oxon ; ; New York, NY, : Routledge, : [imprint of the] Taylor & Francis Group, 2013 London ; ; Abingdon, Oxon ; ; New York, NY : , : Routledge : , : [imprint of the] Taylor & Francis Group, , 2013
ISBN	0-203-10333-5 1-283-84479-6 1-136-24415-8
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (465 p.)
Collana	Routledge Urban Reader Series
Altri autori (Persone)	LinJan MeleChristopher
Disciplina	307.76
Soggetti	Sociology, Urban Sociology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Rev. ed. of: The urban sociology reader. 2005.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title; Copyright; Contents; List of plates; Acknowledgments; General Introduction; PART 1 URBANIZATION AND COMMUNITY; Introduction; ""Community and Society""; ""The Metropolis and Mental Life""; ""Urbanism as a Way of Life""; ""Theories of Urbanism""; ""The Uses of City Neighborhoods""; ""Networks, Neighborhoods, and Communities: Approaches to the Study of the Community Question""; ""Bowling Alone: America's Declining Social Capital""; PART 2 UNDERSTANDING URBAN GROWTH IN THE CAPITALIST CITY; Introduction; ""Human Ecology"" ""The Growth of the City: An Introduction to a Research Project""""The Urban Process under Capitalism: A Framework for Analysis""; ""The City as a Growth Machine""; ""Partnership and the Pursuit of the Private City""; ""Los Angeles and the Chicago School: Invitation to a Debate""; ""Cities and the Geographies of 'Actually Existing Neoliberalism'""; ""Metropolitics for the Twenty-First Century""; ""Urban Ecological Footprints: Why Cities Cannot Be Sustainable - And Why They Are a Key to Sustainability""; PART 3 RACIAL AND SOCIAL INEQUALITY;

Introduction; "The Environment of the Negro"
"The Cost of Racial and Class Exclusion in the Inner City"; "Segregation and the Making of the Underclass"; "The Immigrant Enclave: Theory and Empirical Examples"; "Spatial Disparities in the Expansion of the Chinese Ethn suburb of Los Angeles"; "Men Without Property: The Tramp's Classification and Use of Urban Space"; "Race, Class, and Hurricane Katrina: Social Differences in Human Responses to Disaster"; PART 4 GENDER AND SEXUALITY; Introduction; "City Spatial Structure, Women's Household Work, and National Urban Policy"
"Race, Space, and Power: The Survival Strategies of Working Poor Women"; "Gender and Space: Lesbians and Gay Men in the City"; "Freeing South Africa: The 'Modernization' of Male-Male Sexuality in Soweto"; "Whose Place is this Space? Life in the Street Prostitution Area of Helsinki, Finland"; PART 5 GLOBALIZATION AND TRANSNATIONALITY; Introduction; "The World City Hypothesis"; "Whose City Is It? Globalization and the Formation of New Claims"; "Globalising Singapore: Debating Transnational Flows in the City"; "City Life: West African Communities in New York"
"Social Remittances: Migration Driven Local-level Forms of Cultural Diffusion"; PART 6 CULTURE AND THE CITY; Introduction; "Whose Culture? Whose City?"; "Cities and the Creative Class"; "Cultures of Circulation and the Urban Imaginary: Miami as Example and Exemplar"; "Staying Vietnamese: Community and Place in Orange County and Boston"; PART 7 REGULATION AND RIGHTS IN URBAN SPACE; Introduction; "Spatial Governmentality and the New Urban Social Order: Controlling Gender Violence through Law"; "The Erosion of Public Space and the Public Realm"
"Fortified Enclaves: The New Urban Segregation"

Sommario/riassunto

The urban world is an exciting terrain for investigating the central institutions, structures and problems of the social world and how they have transformed through the last 200 years. This Reader comprises sections on urban social theory, racial and social difference in the city, culture in everyday life, culture and the urban economy, globalization and transnational social relations and the regulation of urban space. Drawing together seminal selections covering the nineteenth to the twenty-first centuries, this Reader includes forty-three significant writings from
