

1. Record Nr.	UNINA9910767515303321
Titolo	Education for sustainable development in primary and secondary schools : pedagogical and practical approaches for teachers // Guliz Karaarslan Semiz, editor
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	9783031091124 9783031091117
Descrizione fisica	1 online resource (269 pages)
Collana	Sustainable Development Goals series
Disciplina	372
Soggetti	Education, Primary - Aims and objectives Education, Secondary - Aims and objectives Sustainable development Finalitats de l'educació Desenvolupament sostenible Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Foreword -- As if Everything Depends on It: Educating for Life -- References -- Editor's Preface -- Reference -- Acknowledgement -- Contents -- Contributors -- Abbreviations -- Part I: Introduction to ESD -- 1: Conceptualisation of ESD: Theoretical and Pedagogical Considerations -- 1.1 Introduction -- 1.2 Education for Sustainable Development: Brief History and Theory -- 1.3 Critical Themes and Pedagogical Approaches in ESD -- 1.4 Conclusion -- References -- 2: Prospects for a Better Future: The Significance of ESD in Primary and Secondary Education -- 2.1 My Personal Trip to ESD -- 2.2 The World's Response -- 2.3 My ESD Experience -- 2.4 Brief History of Human Awakening on the Need for Sustainable Development: Human Environment (Stockholm) - Environment and Development (Rio) and Sustainable Development (Johannesburg) -- 2.5 ESD for 2030 -- 2.6 Young Change-Makers and Hope for Future -- References -- Part II: Implementation of ESD: Integrating Theory and Practice -- 3:

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17.1 Introduction.

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## Sommario/riassunto

This volume provides teachers with pedagogical approaches and practical applications to implement Education for Sustainable Development (ESD), and with assessment strategies to evaluate the learning outcomes of ESD in primary and secondary education. In addition to appropriate pedagogical approaches for ESD, the book also presents practical examples that teachers can use as a guide in their classes. The pedagogical approaches related to ESD not only aim to facilitate sustainability knowledge, but also promote attitudes, new perspectives, values, skills and competencies related to sustainability. Thus, holistic and transformative approaches are embraced to develop a deeper understanding of sustainability, values, respect towards the environment, connection to nature, systems thinking to understand complex problems, exhibiting responsible behaviours for sustainability and promoting action competence for sustainable development. This book also provides examples of assessment strategies for ESD. The assessment of ESD learning outcomes and learning processes is usually challenging, but it is important to determine how to evaluate ESD learning outcomes to reveal whether we achieve our ESD goals or not. For this reason, the assessment section of the book includes theoretical concepts and measurement tools for evaluating sustainability competencies and learning outcomes. Through the close and active collaboration of 22 authors from Germany, Italy, Slovenia, Sweden, Turkey, and the UK, good models for ESD implementation in primary and secondary education are presented.

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