

1. Record Nr.	UNINA9910557252403321
Titolo	The Human Rights-Based Approach to STEM Education [[electronic resource]] / Tanja Tajmel, Klaus Starl, Susanne Spintig
Pubbl/distr/stampa	Munster, : Waxmann, 2021
ISBN	3-8309-9220-3
Edizione	[1st, New ed.]
Descrizione fisica	1 online resource (224 p.)
Soggetti	human rights school teacher didactics sustainable UNESCO science education nachhaltig Menschenrechte Lehrerbildung global Schulpadagogik
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Artist Statement Introduction Tanja Tajmel, Klaus Starl & Susanne Spintig Part I Human Rights A Human Rights-Based Approach to Equitable Access to STEM Education Nada Al-Nashif Declaration on the Human Right to Science Education The Human Right to Science Education Re-Examined Klaus Starl Understanding the Human Right to Science: CESCR General Comment No. 25 (2020) Gerd Oberleitner Modelling the Human Rights Approach to Science Education Tanja Tajmel Part II Science/STEM Education PISA and the Politics of Science Education Svein Sjøberg STEM Curriculum Development: The Case of Turkey Seval Fer Education and Post-War Politics: The Case of Bosnia-Herzegovina Lamija Tanovic Maria Felipa Afro-Brazilian School: A

Proposal for Emancipating and Antiracist Child Education Lorena Lacerda, Bruno de Jesus Brito Santana & Barbara Carine Soares Pinheiro
Part III Gender and STEM Transdisciplinary Research on 'Gender' in Science, Technology, and Society Petra Lucht Barriers to Space: "One Giant Leap" for Canadian Early-Career STEM Women Stefanie Ruel
Gender Barriers to Scientific Rewards: Inequitable Practices in Research Evaluation Gita Ghiasi Diversity Mentoring Mission Statements: A Case Study of a Participatory Approach Susanne Spintig & Tanja Tajmel
Authors

Sommario/riassunto

This volume provides the first introduction to the right to science/STEM education, with contributions from international scholars and experts from organizations, including UNESCO, and from diverse disciplines such as human rights; science education; educational studies; anti-racist and decolonizing pedagogy; feminist and gender studies in science, technology, and engineering; and management and organizational studies. The book offers a thorough grounding in the right to education and its application in the STEM fields. It provides interdisciplinary perspectives that allow for a broad understanding of the human right to science education at all intersectional levels of STEM education and in STEM careers. Based on the Berlin Declaration on the Right to Science Education, adopted at the 1st International Symposium on Human Rights and Equality in STEM Education (October 2018), this volume suits as a textbook for university courses at the undergraduate or graduate level. It will also prove extremely valuable to researchers from a range of disciplines but, in particular, those interested in human rights, education, science/STEM education, as well as practitioners, program and curriculum developers, policy makers, educators, and, of course, the interested public.
