



Natural Science Education, Indigenous Knowledge, and Sustainable Development in Rural and Urban Schools in Kenya: Toward Critical Postcolonial Curriculum Policies and Practices (Paperback)

By Darren M O Hern, Yoshiko Nozaki

Sense Publishers, United States, 2014. Paperback. Book Condition: New. 232 x 156 mm. Language: English . Brand New Book ***** Print on Demand *****.Through a multi-sited qualitative study of three Kenyan secondary schools in rural Taita Hills and urban Nairobi, the volume explores the ways the dichotomy between Western and indigenous knowledge operates in Kenyan education. In particular, it examines views on natural sciences expressed by the students, teachers, the state s curricula documents, and schools exam-oriented pedagogical approaches. O Hern and Nozaki question state and local education policies and practices as they relate to natural science subjects such as agriculture, biology, and geography and their dismissal of indigenous knowledge about environment, nature, and sustainable development. They suggest the need to develop critical postcolonial curriculum policies and practices of science education to overcome knowledge-oriented binaries, emphasize sustainable development, and address the problems of inequality, the center and periphery divide, and social, cultural, and environmental injustices in Kenya and, by implication, elsewhere. In an era of environmental crisis and devastation, education that supports sustainability and survival of our

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