



Looking to the Future: Building a Curriculum for Social Activism (Hardback)

By D Hodson

Sense Publishers, United States, 2011. Hardback. Book Condition: New. 239 x 168 mm. Language: English . Brand New Book ***** Print on Demand *****. In advocating an actionoriented and issues-based curriculum, this book takes the position that a major, but shamefully neglected, goal of science and technology education is to equip students with the knowledge, skills, attitudes and values to confront the complex and often ill-defined socioscientific issues they encounter in daily life as citizens in an increasingly technology-dominated world carefully, critically, confidently and responsibly. In outlining proposals for addressing socioscientific issues through a curriculum organized in terms of four increasingly sophisticated levels of consideration, the author adopts a highly critical and politicized stance towards the norms and values that underpin both scientific and technological development and contemporary scientific, engineering and medical practice, criticizes mainstream STS and STSE education for adopting a superficial, politically naive and, hence, educationally ineffective approach to consideration of socioscientific issues, takes the view that environmental problems are social problems occasioned by the values that underpin the ways in which we choose to live, and urges teachers to encourage students to reach their own views through debate and argument about where they stand on major socioscientific issues,...



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