

1. Record Nr.	UNINA9910782949003321
Autore	Sears John
Titolo	Issues in Science Teaching [[electronic resource]]
Pubbl/distr/stampa	Hoboken, : Taylor and Francis, 2001
ISBN	1-134-56557-7 1-280-13843-2 0-203-99346-2
Descrizione fisica	1 online resource (257 p.)
Collana	Issues in Teaching Series
Altri autori (Persone)	SorensonPete
Disciplina	507.1 507/.1
Soggetti	Science Science - Study and teaching Study and teaching Sciences - General Physical Sciences & Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Book Cover; Title; Copyright; Contents; 1 The science curriculum: what is it for?; 2 Teaching science in a multicultural, multi-faith society; 3 The irresistible rise of the nature of science in science curricula; 4 Primary science: a second-class core subject?; 5 Balanced science: a battle still to be won?; 6 Lifelong learning in science: dream or reality?; 7 Understanding evidence in investigations; 8 SC1: beyond the fair test; 9 Numeracy in science: understanding the misunderstandings; 10 Developing the literate scientist; 11 Health education is unavoidable 12 The use of cognitive ability testing to set targets13 Drowning in numbers? The need for formative assessment; 14 Between the idea and the reality falls the shadow: provision for primary-secondary science curricular continuity; 15 Children's attitudes to science: beyond the men in white coats; 16 Non-judgemental differentiation; 17 Are gender differences in achievement avoidable?; 18 Ability grouping: what is the evidence?; 19 A challenging curriculum for the more able pupil; 20 Science for all: the challenge of inclusion 21 Information and communications technology in science education: a

Sommario/riassunto

Issues in Science Teaching covers a wide range of important issues which will interest teachers at all phases in the education system. The issues discussed include:the nature and purposes of science education in a multicultural society, including the idea of science for allthe role and purposes of investigational work in science educationassessment, curriculum progression and pupil attitudes to their science experiencesupporting basic skills development in literacy, numeracy and ICT, through science teachingsupporting cross-curricular
