

# Scientific literacy of Australian students - science achievement of students in Australian primary and lower secondary schools

Australian Council for Educational Research - "Hot

Description: -

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Women architects

Environmental monitoring.

Water -- Pollution -- Measurement.

Oil pollution of rivers, harbors, etc.

Academic achievement -- Australia -- Statistics.

Academic achievement -- Australia -- Evaluation.

Science -- Study and teaching (Secondary) -- Australia -- Evaluation.

Science -- Study and teaching (Elementary) -- Australia --

Evaluation.scientific literacy of Australian students - science

achievement of students in Australian primary and lower secondary schools

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no. 39

ACER research monograph ;scientific literacy of Australian students - science achievement of students in Australian primary and lower secondary schools

Notes: Includes index.

This edition was published in 1990



Filesize: 10.17 MB

Tags: #Students' #perceptions #about #science: #The #impact #of #transition #from #primary #to #secondary #school

## Australia: PISA Australia—Excellence and Equity?

Melbourne: Australian Council for Educational Research. It adds to a concerning picture that Australian school students are slipping behind the rest of the world in science and maths results.

## Challenges for Science Education

Most countries use textbooks in both Year 4 maths and science, where over 85% of teachers use textbooks either as a primary or supplementary source. In the TIMSS report they referred to this as a student's positive affect towards mathematics and science. The school reports for each school were released to schools in December 2012.

## Australia: PISA Australia—Excellence and Equity?

Figure shows the distribution of proficiency levels in reading, mathematical and scientific literacy across socioeconomic background. Students in this study, especially the girls, were generally disenchanted with the teaching strategies used in their secondary science classrooms, and regretted the loss of the close teacher-student relationship of their primary school years.

## Challenges for Science Education

Canberra: Australian Government Publishing Service. Science in Australian schools: Today's problems and tomorrow's challenges.

## School student engagement and performance

The primary and secondary paradigms and middle school curriculum.

### **School student engagement and performance**

Grade 10 students' perceptions of and attitudes towards science teaching and school science.

### **Science Teaching and Learning in Australian Schools: Results of a National Study**

Studies in Science Education, 27, 99-147. Proceedings of the Ninth Annual Conference of the Western Australian Science Education Association pp.

### **NAP Science Literacy**

Journal of Research in Science Teaching, 30 9 , 1017—1028.

## Related Books

- [Médias en Méditerranée - codes de la communication et construction du dialogue](#)
- [Bilingual requirements of national nongovernment organizations](#)
- [Menyemai kultur demokrasi](#)
- [Arizona energy - a framework for decision](#)
- [Souvenirs dun enfant de l'Alsac - 1870-1914.](#)