

Journals used by ATSE tutors to support their teaching and research

Tutors were asked via email and at the ATSE conference in 2004 for information about journals they used for their own research and to help their students. A number of these journals have abstracts and articles on line. Education Abstracts such as ERIC also provide a relatively quick way to review potentially helpful articles.

Science research journals

[School Science Review](#) provides a relatively user friendly start for trainees to read research articles.

Journals focusing on science education research which are usually more challenging include:-

[African Association for Research in Mathematics, Science and Technology Education](#)
[International Journal of Science Education](#)
[Journal of Research in Science Teaching](#)
[Research in Science Education](#)
[Research in Science and Technological Education](#)
[Science Education](#)
[Studies in Science Education](#) (specialises in long review articles)

Subject Specialist Science Education and Subject Journals

[Education in Chemistry](#)
[Journal of Biological Education](#)
[Journal of Chemical Education](#)
[Physics Education](#)

General research journals

There is a danger that science education research becomes blinkered to what is going on elsewhere about learning and teaching. Science tutors have found these more general journals helpful.

[Assessment in Education](#)
[British Education Research Journal](#)
[British Journal of Educational Psychology](#)
[Cambridge Journal of Education](#)
[Qualitative Studies in Education](#)
[Research and Evaluation](#)
[World Studies in Education](#)

Journals focusing on teacher education

Teacher trainers may wish to look at journals focusing more on teaching training such as:-

[International Journal of Teacher Development](#)
[Journal of Education for Teaching](#) (JET)

Science professional journals with some research articles

[Primary Science Review](#)

[Science Teacher Education](#)

Popular Science Journals

[New Scientist](#)

[Scientific American](#)

These journals provide topical subject related material.

Useful books about science education research

The following books provide a good start to science education research:-

M. Monk and J. Osborne (2000) (Eds) *Good Practice in Science Education: What Research has to Say* Buckingham: OUP

R. Millar, J. Leach and J. Osborne (2000) (Eds) *Improving Science Education: The Contribution of Research* Buckingham: OUP

W. Harlen (1999) *Effective Teaching of Science: A Review of Research* Edinburgh: SCORE