

## PUBLICATIONS

- Reiss, M.J. (in press) Learning out of the classroom. In: *ASE Guide to Research in Science Education*, Oversby, J. (Ed.), Association for Science Education, Hatfield.
- Reiss, M.J. (in press) Assessing ethics in secondary science. *School Science Review*.
- Reiss, M.J. (in press) Discourse, language and identity. In: *Moving the Equity Agenda Forward: Equity Research, Practice, and Policy in Science Education*, Bianchini, J. A., Akerson, V.L., Calabrese Barton, A., Lee, A. & Rodriguez, A.J. (Eds), Springer, Dordrecht.
- Reiss, M.J. & Tunnicliffe, S.D. (in press) Dioramas as depictions of reality and opportunities for learning in biology. *Curator*.
- Abrahams, I & Reiss, M. (in press) Learning across the disciplines: evolution. In: *The Routledge International Handbook on Learning*, Jarvis, P. (Ed.) Routledge, London.
- Amos, R. & Reiss, M.J. (in press) The benefits of residential fieldwork for school science: insights from a five-year initiative for inner-city students in the UK. *International Journal of Science Education*.
- Hamed, Y. & Reiss, M.J. (in press) *Sheeh*, Palm Press, Cairo (in Arabic).
- Abrahams, I., Reiss, M. & Sharpe, R (in press) Getting Practical: Improving Practical Work in Science (IPWiS) project – the evaluation. *School Science Review*.
- Hoyles, C., Reiss, M. & Tough, S. (in press) *Supporting STEM in Schools and Colleges: The Role of Research*, Universities UK, London.
- Tunnicliffe, S.D., Boulter, C. & Reiss, M. (in press) Getting children to talk about what they know of the natural world. *Primary Science*.
- Jamieson, J., Reiss, M.J., Allen, D., Asher, L., Wathes, C.M. & Abeyesinghe, S.M. (in press) Measuring the success of a farm animal welfare education event. *Animal Welfare*.
- Macer, D.R.J. *et al.* (ongoing) *UNESCO/IUBS/EUBIOS Bioethics Dictionary*. Available at <http://www.unescobkk.org/index.php?id=3613>.
- Reiss, M.J. (2011) How should creationism and intelligent design be dealt with in the classroom? *Journal of Philosophy of Education*, **45**, 399-415.
- Reiss, M.J. (2011) Teachers as journalists? *Cultural Studies in Science Education*, **6**, 469-473.
- Reiss, M. & Ruthven, K. (Eds) (2011) Enhancing the participation, engagement and achievement of young people in science and mathematics education: introduction. *International Journal of Science and Mathematics Education*, **9**, 239-241.
- Reiss, M., Hoyles, C., Mujtaba, T., Riazi-Farzad, B., Rodd, M., Simon, S. & Stylianidou, F. (2011) Understanding participation rates in post-16 mathematics and physics: conceptualising and operationalising the UPMAP Project. *International Journal of Science and Mathematics Education*, **9**, 273-302.
- Asenova, A. & Reiss, M. (2011) The role of visualization of biological knowledge in the formation of sets of educational skills. *Sophia University E-learning Journal*, 2011(1), 1-9. Available at [http://journal.e-center.uni-sofia.bg/download.php?\[en\]view.33](http://journal.e-center.uni-sofia.bg/download.php?[en]view.33).

- Reiss, M.J. (2010) Science and religion: implications for science educators. *Cultural Studies in Science Education*, **5**, 91-101.
- Reiss, M. (2010) Promoting engagement with science education. In: *Liberating Education: Widening Participation*, Derham, P. & Worton, M. (Eds), University of Buckingham Press, Buckingham, pp. 29-34.
- Reiss, M. (2010) The light of the world. *New Statesman*, **5-18 April**, 40-41.
- Reiss, M.J. (2010) Ethical thinking. In: *Ethics in the Science and Technology Classroom: A New Approach to Teaching and Learning*, Jones, A., McKim, A. & Reiss, M. (Eds), Sense, Rotterdam, pp. 7-17.
- Reiss, M. (2010) The nature of science. In: *Learning to Teach Science in the Secondary School: A Companion to School Experience, 3rd edn*, Frost, J. (Ed.), Routledge, London, pp. 64-73.
- Reiss, M. (2010) Science education, theatre and Y Touring. Available at <http://www.theatreofdebate.com/ytouring21/Blog/Blog.php?id=6776171317777712005>.
- Reiss, M. (2010) What can we learn from vampire bats? *Guardian*, **19 March**. Available at <http://www.guardian.co.uk/commentisfree/belief/2010/mar/19/darwin-reciprocal-altruism-vampire-bats>.
- Reiss, M. (2010) Science for personal worth. *People & Science*, **March**, 16-17.
- Abrahams, I. & Reiss, M. (2010) Effective practical work in primary science: the role of empathy. *Primary Science*, **113**, 26-27.
- Page, G. & Reiss, M. (2010) Biology education research. *Journal of Biological Education*, **44**, 51-52.
- Reiss, M., Tough, S. & Whitty, G. (2010) Measuring impact in education research. *Research Intelligence*, **110**, 14-19.
- Collins, S., Reiss, M. & Stobart, G. (2010) What happens when high-stakes testing stops? Teachers' perceptions of the impact of compulsory national testing in science of 11 year olds in England and its abolition in Wales. *Assessment in Education*, **17**, 273-286.
- Jones, A., McKim, A. & Reiss, M. (Eds) (2010) *Ethics in the Science and Technology Classroom: A New Approach to Teaching and Learning*, Sense, Rotterdam.
- Jones, A., McKim, A. & Reiss, M. (2010) Towards introducing ethical thinking in the classroom: beyond rhetoric. In: *Ethics in the Science and Technology Classroom: A New Approach to Teaching and Learning*, Jones, A., McKim, A. & Reiss, M. (Eds), Sense, Rotterdam, pp. 1-5.
- Jones, A., McKim, A. & Reiss, M. (2010) The enhancement of ethical thinking. In: *Ethics in the Science and Technology Classroom: A New Approach to Teaching and Learning*, Jones, A., McKim, A. & Reiss, M. (Eds), Sense, Rotterdam, pp. 129-130.
- Rodd, M., Mujtaba, T. & Reiss, M. (2010) Participation in mathematics post-18: undergraduates' stories. *Proceedings of the British Society for Research into Learning Mathematics*, **30**, 175-182.
- Harlen, W. (2010) (Ed.) *Principles and Big Ideas of Science Education*, Duns. Available at <http://www.ase.org.uk/documents/principles-and-big-ideas-of-science-education/>. Also published in Chinese, French and Serbian.
- Science and Trust Expert Group (2010) *Report & Action Plan: Starting a National Conversation about Good Science*, Department for Business, Innovation & Skills, London. Available at <http://interactive.bis.gov.uk/scienceandsociety/site/trust/files/2010/03/BIS-R9201-URN10-699-WEB.pdf>.

- Reiss, M.J. (2009) Imagining the world: the significance of religious worldviews for science education. *Science & Education*, **18**, 783-796. Reprinted in Matthews, M.R. (Ed.) (2009) *Science, Worldviews and Education*, Springer, New York, pp. 135-148.
- Reiss, M. (2009) *Assessing Ethics in Secondary Science: A Report of a Seminar held at the Nuffield Foundation*, Nuffield Foundation, London. Available at [http://www.nuffieldcurriculumcentre.org/sites/default/files/Assessing\\_Ethics\\_in\\_Secondary\\_Science.pdf](http://www.nuffieldcurriculumcentre.org/sites/default/files/Assessing_Ethics_in_Secondary_Science.pdf).
- Reiss, M. (2009) The price is right – some comments. *Education Today*, **59(3)**, 30.
- Reiss, M.J. (2009) The relationship between evolutionary biology and religion. *Evolution*, **63**, 1934-1941.
- Reiss, M. (2009) The role of science education in preparing students for facing the Climatic Change. *Education Today*, **59**, 3-9.
- Reiss, M.J. (2009) Creationism as a worldview: implications for education. *Sophia*, **93**, 11-14.
- Reiss, M.J. (2009) Ethical reasoning and action in STSE education. In: *International Handbook on Research and Development in Technology Education*, Jones, A & de Vries, M. (Eds), Sense, Rotterdam, pp. 307-318.
- Reiss, M. (2009) The case of Adam's navel. *Church Times*, **6 November**, 19.
- Reiss, M. (2009) Researching science education. <http://www.scitutors.org.uk/article.php?id=132>.
- Reiss, M. (2009) On the origin of education. *The Guardian*, **Comment&Debate**, **29 July**, 29.
- Reiss, M. & White, J. (2009) Atheism needs to be studied in schools. *The Independent*, **Education**, **16 July**, 4.
- Reiss, M. (2009) Darwinian thinking clarifies and deepens religious faith. *The Times*, **3 January**, 31.
- Reiss, M. (2009) Addressing controversial issues at KS4. *Triple Science News*, **Autumn**, 4-5.
- Reiss, M.J. (2009) Teaching Darwin in context. *Heritage Learning*, **40**, 10.
- Reiss, M.J. (2009) Should we teach creationism and intelligent design theory in schools? *The Bible in Transmission*, **Spring**, 8-10.
- Collins, S., Reiss, M. & Stobart, G. (2009) The effects of national testing in science at Key Stage 2 in England and Wales. *Education in Science*, **231**, 14-15.
- Hall, A., Reiss, M., Scott, A. & Codrington, S. (Eds) (2009) *Salter's-Nuffield Advanced Biology for Edexcel A2 Biology: Students' Book*, Pearson Education, Harlow.
- Farm Animal Welfare Council (2009) *Farm Animal Welfare in Great Britain: Past, Present and Future*, Farm Animal Welfare Council, London. Available at <http://www.fawc.org.uk/pdf/ppf-report091012.pdf>.
- Farm Animal Welfare Council (2009) *Report on the Welfare of Farm Animals at Slaughter or Killing. Part 2: White Meat Animals*, Farm Animal Welfare Council, London. Available at <http://www.fawc.org.uk/pdf/report-090528.pdf>.
- Reiss, M.J. (2008) The use of ethical frameworks by students following a new science course for 16-18 year-olds. *Science & Education*, **17**, 889-902.
- Reiss, M.J. (2008) Should science educators deal with the science/religion issue? *Studies in Science Education*, **44**, 157-186.
- Reiss, M.J. (2008) Creationism, Darwinism and ID: what are biology teachers supposed to do? *Biologist*, **55**, 28-32.
- Reiss, M.J. (2008) Teaching evolution in a creationist environment: an approach based on worldviews, not misconceptions. *School Science Review*, **90(331)**, 49-56.

- Reiss, M.J. (2008) Science and ethics: an introduction. *Primary Science*, **104**, 4-7.
- Reiss, M.J. (2008) Sex education. In: *The Routledge International Encyclopedia of Education*, McCulloch, G. & Crook, D. (Eds), Routledge, London, pp. 539-540.
- Reiss, M. (2008) Sensitive matters. *LondonInstEd*, **6**, 16-17.
- Reiss, M. (2008) On the origin of an essential debate: can science ignore faith? *THE*, **1873**, 26-27.
- Reiss, M. (2008) Science. In: *Your Parliament: Exhibition Guide 2008*, Dod's, London, p. 57.
- Reiss, M.J. (2008) The ethical maze: deciding what is right and what is wrong in biology. *Catalyst*, **19(2)**, 18-20.
- Reiss, M. (2008) 'We don't need a universal ban in universities', *THE*, **22 May**, 33.
- Reiss, M. (2008) So how important is triple science? *Triple Science News*, **Summer**, 8-9.
- Reiss, M. & Scott, M. (2008) Michael Reiss. In: *Passion and Politics: Academics Reflect on Writing for Publication*, Carnell, E., MacDonald, J., McCallum, B. & Scott, M. (Eds), Institute of Education, University of London, London, pp. 187-196.
- Amos, R. & Reiss, M. (2008) The contribution of residential field courses to the education of 11-14 year-olds in London. *London Digest*, **2**, 4.
- Caccavale, E. & Reiss, M. (2008) Miracles, monsters and disturbances. In: *Creative Encounters: New Conversations in Science, Education and the Arts*, Levinson, R., Nicholson, H. & Parry, S. (Eds), Wellcome Trust, London, pp. 48-63.
- Collins, S., Reiss, M. & Stobart, G. (2008) *The Effects of National Testing in Science at KS2 in England and Wales: Executive Summary*, Wellcome Trust, London. Available at [http://www.wellcome.ac.uk/stellent/groups/corporatesite/@msh\\_peda/document\\_s/web\\_document/wtd039972.pdf](http://www.wellcome.ac.uk/stellent/groups/corporatesite/@msh_peda/document_s/web_document/wtd039972.pdf).
- Hall, A., Reiss, M., Scott, A. & Codrington, S. (Eds) (2008) *Salters-Nuffield Advanced Biology for Edexcel AS Biology: Students' Book*, Pearson Education, Harlow.
- Hammann, M., Reiss, M., Boulter, C. & Tunnicliffe, S.D. (Eds) (2008) *Biology in Context: Learning and Teaching for the Twenty-first Century – a selection of papers presented at the VIth Conference of European Researchers in Didactics of Biology (ERIDOB)*, Institute of Education, University of London, London.
- Farm Animal Welfare Council (2008) *Opinion on Policy Instruments for Protecting and Improving Farm Animal Welfare*, Farm Animal Welfare Council, London. Available at <http://www.fawc.org.uk/pdf/policy-instr-081212.pdf>.
- Royal Society (2008) *Exploring the Relationship between Socioeconomic Status and Participation and Attainment in Science Education*, Royal Society, London. Available at [http://royalsociety.org/uploadedFiles/Royal\\_Society\\_Content/Influencing\\_Policy/Education/Reports/SES\\_report\\_Jun\\_08\\_pdf.pdf](http://royalsociety.org/uploadedFiles/Royal_Society_Content/Influencing_Policy/Education/Reports/SES_report_Jun_08_pdf.pdf).
- Royal Society (2008) *A 'State of the Nation' Report on the Participation and Attainment of 14–19 year olds in Science and Mathematics in the UK, 1996–2007*, Royal Society, London. Available at [http://royalsociety.org/uploadedFiles/Royal\\_Society\\_Content/Influencing\\_Policy/Education/Reports/SNR2\\_-\\_full\\_report.pdf](http://royalsociety.org/uploadedFiles/Royal_Society_Content/Influencing_Policy/Education/Reports/SNR2_-_full_report.pdf).
- Science Community Representing Education (2008) *Practical Work in Science: A Report and Proposal for a Strategic Framework*, Royal Society, London. Available at [http://www.score-education.org/downloads/practical\\_work/report.pdf](http://www.score-education.org/downloads/practical_work/report.pdf).

- Reiss, M.J. (2007) What should be the aim(s) of school science education? In: *The Re-emergence of Values in Science Education*, Corrigan, D., Dillon, J. & Gunstone, R. (Eds), Sense, Rotterdam, pp. 13-28.
- Reiss, M. (2007) Evolving with the times. *Parliamentary Monitor*, **155**, 48.
- Reiss, M.J. (2007) What role should science education have in regards to citizenship education? In: *Explorations and Innovations on Moral Education for Today's Children and Youths: Proceedings of 2006 Beijing International Forum on Citizenship Education for Children and Youths*, Jie, L. & Long, S. (Eds), Capital Normal University Press, Beijing, pp. 10-28. (Also published in Chinese.)
- Reiss, M. (2007) Representing the world: difference and science education. In: *Marginality and Difference In Education and Beyond*, Reiss, M., DePalma, R. & Atkinson, E. (Eds), Trentham, Stoke-on-Trent, pp. 61-72.
- Reiss, M. (2007) Bottom of the class. *New Scientist*, **1 December**, 23. Reprinted in *Global Spiral* (March 2008), **8(12)**  
<http://www.metanexus.net/magazine/tabid/68/id/10338/Default.aspx>.
- Reiss, M. (2007) A rational approach to creationism. *TES*, **5 October**, 27.
- Reiss, M.J. (2007) Teaching about origins in science – where now? In: *Teaching about Scientific Origins: Taking Account of Creationism*, Jones, L. & Reiss, M.J. (Eds), Peter Lang, New York, pp. 197-208.
- Reiss, M. (2007) Save our sciences! *Sunday Express*, **November 18**, 27.
- Reiss, M. (2007) Real voices: how does evolutionary thinking affect Christian theology? Available at <http://www.wellcome.ac.uk/doc%5Fwtd026083.html>.
- Reiss, M. & Barlex, D. (2008) Concerning STEM - a conversation, *D&T news*, **37**, 26-27.
- Reiss, M., Boulter, C. & Tunnicliffe, S.D. (2007) Seeing the natural world: a tension between pupils' diverse conceptions as revealed by their visual representations and monolithic science lessons. *Visual Communication*, **6**, 99-114.
- Braund, M. & Reiss, M. (2007) What does out-of-school learning offer school science? *The Science Education Review*, **6**, 35-37.
- Hall, A. & Reiss, M. (2007) Little Red Riding Hood and the big, bad wolf: biochemical pathways in advanced level biology. *The Biochemist*, **29(1)**, 39-41.
- Hamed, Y. & Reiss, M.J. (2007) *The Egyptian Dabb*, Palm Press, Cairo (in Arabic).
- Hamed, Y. & Reiss, M.J. (2007) *The Fox (for 6-8 year-olds)*, Palm Press, Cairo (in Arabic).
- Hamed, Y. & Reiss, M.J. (2007) *The Fox (for 9-11 year-olds)*, Palm Press, Cairo (in Arabic).
- Hamed, Y. & Reiss, M.J. (2007) *The Sinai Rosefinch*, Palm Press, Cairo (in Arabic).
- Jones, L. & Reiss, M.J. (Eds) (2007) *Teaching about Scientific Origins: Taking Account of Creationism*, Peter Lang, New York.
- Jones, L. & Reiss, M.J. (2007) Cultural authority and the polarized nature of the evolution/creationism controversy. In: *Teaching about Scientific Origins: Taking Account of Creationism*, Jones, L. & Reiss, M.J. (Eds), Peter Lang, New York, pp. 1-10
- Reiss, M., DePalma, R. & Atkinson, E. (Eds) (2007) *Marginality and Difference In Education and Beyond*, Trentham, Stoke-on-Trent.
- Reiss, M., DePalma, R. & Atkinson, E. (2007) Introduction. In: *Marginality and Difference In Education and Beyond*, Reiss, M., DePalma, R. & Atkinson, E. (Eds), Trentham, Stoke-on-Trent, pp. vii-ix.
- Tunnicliffe, S.D., Boulter, C. & Reiss, M.J. (2007) Pigeon – friend or foe? Children's understanding of an everyday animal. *Education-line* [www.leeds.ac.uk/educol/documents/168382.htm](http://www.leeds.ac.uk/educol/documents/168382.htm).

- Taylor, J., Swinbank, E., Reiss, M., Harrison, D., Ellis, P., Cartwright, J. & Allday, J. (2007) *Perspectives on Science: The History, Philosophy and Ethics of Science*, Heinemann, Oxford.
- Royal Society (2007) *The UK's Science and Mathematics Teaching Workforce*. Royal Society, London. Available at [http://royalsociety.org/uploadedFiles/Royal\\_Society\\_Content/Influencing\\_Policy/Education/Reports/SNR1\\_full\\_report.pdf](http://royalsociety.org/uploadedFiles/Royal_Society_Content/Influencing_Policy/Education/Reports/SNR1_full_report.pdf).
- Reiss, M.J. (2006) Assessing ethical arguments in a new advanced level biology course. *Teaching Ecology Newsletter*, **34**, 16-19.
- Reiss, M. (2006) The appliance of ethical science. *TES Magazine*, **8 December**, 44-45.
- Reiss, M. (2006) What's the problem with A-level science? *Report*, **December**, 12-13.
- Reiss, M.J. (2006) Teacher education and the new biology. *Teaching Education*, **17**, 121-131.
- Reiss, M.J. (2006) Educating scientists about ethics. In: *Animals, Ethics and Trade: The Challenge of Animal Sentience*, Turner, J. & D'Silva, J. (Eds), Earthscan, London, pp. 55-67.
- Reiss, M. (2006) Finding the right chemistry. [http://commentisfree.guardian.co.uk/michael\\_reiss/2006/10/science\\_education\\_in\\_schools.html](http://commentisfree.guardian.co.uk/michael_reiss/2006/10/science_education_in_schools.html).
- Reiss, M.J. (2006) Desarrollo de un curso de biología contextualizado en el bachillerato: el caso del proyecto Salters-Nuffield Advanced Biology. *Enseñanza de las Ciencias*, **24**, 429-438.
- Reiss, M. (2006) Listening to pupils. In: *What is Science Education For?*, Gilland, T. (Ed.), Academy of Ideas, London, pp. 41-46.
- Reiss, M. (2006) The ethics of animal research. <http://news.bbc.co.uk/1/hi/sci/tech/5365206.stm>.
- Reiss, M. (2006) And she's curled it in the top left-hand corner ... SCORE! *Education in Science*, **220**, 10-11.
- Reiss, M. (2006) In front of the children. *TES Teacher*, **January 20**, 23.
- Reiss, M. (2006) Enthusing the next generation of biologists. *Education in Science*, **216**, 18-9.
- Reiss, M. (2006) Enthusing the next generation of biologists. *British Neuroscience Association Bulletin*, **53**, 6-7.
- Reiss, M. (2006) Sex appeal. *ioe life*, **3**, 20-21.
- Reiss, M. (2006) Enthusing the next generation of biologists. *Biologist*, **53**, 53-56.
- Reiss, M. (2006) Can school education reduce teenage pregnancy? *Westminster Briefing*, **November**, 5.
- Reiss, M. (2006) Enthusing the next generation: a biology curriculum for 3-11 year-olds. *Primary Science Review*, **93**, 23-25.
- Amos, R. & Reiss, M. (2006) What contribution can residential field courses make to the education of 11-14 year-olds? *School Science Review*, **88(322)**, 37-44.
- Braund, M. & Reiss, M. (2006) Towards a more authentic science curriculum: the contribution of out-of-school learning. *International Journal of Science Education*, **28**, 1373-1388.
- Braund, M. & Reiss, M. (2006) Validity and worth in the science curriculum: learning school science outside the laboratory. *Curriculum Journal*, **17**, 213-228.
- Ratcliffe, M. & Reiss, M. (2006) Values and ethics and science education. In: *ASE Guide to Primary Science Education*, Harlen, W. (Ed.), Association for Science Education, Hatfield, pp. 24-30.

- Ratcliffe, M. & Reiss, M. (2006) Values and ethics and science education. In: *ASE Guide to Secondary Science Education*, Wood-Robinson, V. (Ed.), Association for Science Education, Hatfield, pp. 32-39. Reprinted as Ratcliffe, M. & Reiss, M. (2006) Værdier og etik i naturfaglig undervisning, *MONA – Danish Journal of Science Education*, **4**, 56-65.
- Braund, M., Reiss, M., Tunnicliffe, S.D. & Moussouri, T. (2006) Beyond the classroom: the importance of outside-of-school contexts for learning science. In: *Science and Technology Education for a Diverse World: Dilemmas, Needs and Partnerships*, Janiuk, R. M. & Samonek-Miciuk, E. (Eds), Maria Curie-Sklodowska University Press, Lublin, pp. 145-159.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2006) *Salters-Nuffield Advanced Biology: A2*, Heinemann, Oxford.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2006) *Salters-Nuffield Advanced Biology A2 on-line support*, Heinemann, Oxford. Available at [www.snabonline.com/](http://www.snabonline.com/).
- Gilbert, J. et al. (2006) *Science Education in Schools: Issues, Evidence and Proposals*, TLRP, London. Available at [www.tlrp.org/pub/documents/TLRP\\_Science\\_Commentary\\_FINAL.pdf](http://www.tlrp.org/pub/documents/TLRP_Science_Commentary_FINAL.pdf).
- Companion Animal Welfare Council (2006) *Breeding and Welfare in Companion Animals: The Companion Animal Working Group Report on Welfare Aspects of Modifications, through Selective Breeding or Biotechnological Methods, to the Form, Function, or Behaviour of Companion Animals*, Companion Animal Welfare Council, Sidmouth. Available at <http://www.cawc.org.uk/sites/default/files/CAWCModifications.pdf>.
- Farm Animal Welfare Council (2006) *Report on Welfare Labelling*, Farm Animal Welfare Council, London. Available at <http://www.fawc.org.uk/reports.htm>.
- Reiss, M.J. (2005) Managing endings in a longitudinal study: respect for persons. *Research in Science Education*, **35**, 123-135.
- Reiss, M. (2005) The nature of science. In: *Learning to Teach Science in the Secondary School: A Companion to School Experience, 2<sup>nd</sup> edn*, Frost, J. & Turner, T. (Eds), RoutledgeFalmer, London, pp. 44-53.
- Reiss, M.J. (2005) The importance of affect in science education. In: *Beyond Cartesian Dualism: Encountering Affect in the Teaching and Learning of Science*, Alsop, S. (Ed.), Kluwer, Dordrecht, pp. 17-25.
- Reiss, M.J. (2005) Developing a new biology course for 16-19 year-olds. *Journal of Science Education*, **6**, 72-75.
- Reiss, M.J. (2005) Teaching animal bioethics: pedagogic objectives. In: *Animal Bioethics: Principles and Teaching Methods*, Marie, M., Edwards, S., Gandini, G., Reiss, M., Sandoe, P. & von Borell, E. (Eds), Wageningen Academic Press, pp. 189-202.
- Reiss M. (2005) Xenotransplantation and the problem of boundaries. *Virtual Mentor*, **7(9)** Available at: [www.ama-assn.org/ama/pub/category/15451.html](http://www.ama-assn.org/ama/pub/category/15451.html) and [www.ama-assn.org/ama1/pub/upload/mm/384/oped2\\_0905.pdf](http://www.ama-assn.org/ama1/pub/upload/mm/384/oped2_0905.pdf).
- Reiss, M. (2005) Breaches in the biosciences call for changes to the curriculum. *Research Fortnight*, **247**, 15.
- Reiss, M. (2005) A brief history of sex ed. <http://www.open2.net/sundaysurgery/thehistoryp.html>.
- Reiss, M.J. (2005) Biology, teaching of. In: *Youth, Education, and Sexualities: An International Encyclopedia, Volume One, A-J*, Sears, J. T. (Ed.), Greenwood, Westport, pp. 81-84.
- Reiss, M.J. (2005) Pregnancy, teenage. In: *Youth, Education, and Sexualities: An*

- International Encyclopedia, Volume Two, K-Z*, Sears, J. T. (Ed.), Greenwood, Westport, pp. 638-641.
- Reiss, M. (2005) Hybrids, purity and the dissolution of boundaries. In: Caccavale, E. with Ashcroft, R. (Eds) *Hybrids: Towards a New Typology of Beings and Animal Products*, privately published, pp. 31-34.
- Reiss, M.J. (2005) SNAB: a new advanced level biology course. *Journal of Biological Education*, **39**, 56-57.
- Reiss, M. (2005) How to fire the enthusiasm of future biologists. *TES*, **December 2**, 21.
- Reiss, M.J. (2005) Salters-Nuffield Advanced Biology (SNAB): a new advanced level biology course. *Education in Science*. **213**, 22-23.
- Reiss, M. (2005) Meet Mark and Peter. *TES Science*, **January 7**, XI.
- Reiss, M. (2005) Successful secondary school sex education. *PSHE & Citizenship Update*, **52**, 9.
- Braund, M. & Reiss, M. (2005) Beyond the classroom: the case for out-of-school contexts and authentic learning of science, in Kasanda, C., Muhammed, L., Akpo S. & Nogolo, E. (Eds) *Proceedings of the 13th Annual South African Association for Research in Mathematics, Science and Technology Education (SAARMSTE) Conference*, 10-14 January 2005, University of Namibia, Windhoek, Namibia, pp. 68-75.
- Braund, M. & Reiss, M. (2005) The call of the outdoors. *TES Science*, **January 7**, XII-XIII.
- Braund, M. & Reiss, M. (2005) Learning science outside the classroom: bringing it all together. *Science Teacher Education*, **42**, 7.
- Murray, I. & Reiss, M.J. (2005) The student review of the science curriculum. *School Science Review*, **87(318)**, 83-93.
- Boulter, B., Reiss, M. & Tunnicliffe, S. D. (2005) Seeing the (natural) world in a post-modern age, in Pintó, R. & Couso, D. (Eds) *Proceedings of the Fifth International ESERA Conference on Contributions of Research to Enhancing Students' Interest in Learning Science*, Barcelona, pp. 159-162.
- Boulter, B., Tunnicliffe, S. D. & Reiss, M. (2005) Out of touch with the environment? The implications for science teaching of how children express their connections to the natural world in *Proceedings of the National Association for Research in Science Teaching Annual Conference*, Zandvliet, D. B. (Ed.), April 4-7, Dallas, Texas, USA.
- Frost, S., Reiss, M. & Frost, J. (2005) Count me in! Gender and ethnic minority attainment in school science. *School Science Review*, **86(316)**, 105-112.
- Serret, N., Tunnicliffe, S.D. & Reiss, M. (2005) Evaluating TEEP and SEP in action, *Teacher Effectiveness Enhancement Programme News*, **7**, 2.
- Stylianidou, F., Reiss, M. & Hall, A. (2005) Continuing professional development: what do science teachers want and need? in Pintó, R. & Couso, D. (Eds) *Proceedings of the Fifth International ESERA Conference on Contributions of Research to Enhancing Students' Interest in Learning Science*, Barcelona, pp. 990-993.
- Tunnicliffe, S.D., Boulter, C. & Reiss, M.J. (2005) Children talking about what they know of the natural world. *Environmental Education*, **80**, 30-34.
- Boulter, C., Tunnicliffe, S.D., Reiss, M. & Selles, S. (2005) The social relevance of pupils' responses to cues from the natural world. *CASTME Journal*, **25(2)**, 18-30.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2005) *Salters-Nuffield Advanced Biology AS Student Book*, Heinemann, Oxford.

- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2005) *Salters-Nuffield Advanced Biology AS CD-ROM/on-line*, Heinemann, Oxford.
- Selles, S.E., Boulter, C., Tunnicliffe, S.D. & Reiss, M. (2005) Pupils responses to cues from the natural world: a cross-cultural study using multiple analytic perspectives. In: *Trends in Biology Education: Research in the New Biology Era, Ergazaki: A selection of papers presented at the Vth Conference of European Researchers in Didactics of Biology (ERIDOB), September 21<sup>st</sup> - 25<sup>th</sup>, 2004, Patras-Greece*, M., Lewis, J. & Zogza, V. (Eds), Patras University Press, University of Patras, Patras, pp. 15-26.
- Marie, M., Edwards, S., Gandini, G., Reiss, M. & von Borell, E. (Eds) (2005) *Animal Bioethics: Principles and Teaching Methods*, Wageningen Academic Publishers, The Netherlands.
- Reiss M. *et al.* (2005) *Enthusiasing the Next Generation*, Biosciences Federation, London. Available at <http://www.societyofbiology.org/documents/view/115>.
- Reiss, M.J. (2004) Students' attitudes towards science: a long term perspective. *Canadian Journal of Science, Mathematics and Technology Education*, **4**, 97-109.
- Reiss, M. (2004) Sex education: are they getting enough? *TES Teacher*, **January 30**, 15.
- Reiss, M., Serret, N. & Tunnicliffe, S.D. (2004) TEEP in Hackney and Tower Hamlets – an evaluation, *Teacher Effectiveness Enhancement Programme News*, **5**, 8.
- Reiss, M. & Braund, M. (2004) Managing learning outside the classroom. In: *Learning Science Outside the Classroom*, Braund, M. & Reiss, M.J. (Eds), RoutledgeFalmer, London, pp. 225-234.
- Reiss, M. & Braund, M. (2004) Practicalities and safety issues. In: *Learning Science Outside the Classroom*, Braund, M. & Reiss, M.J. (Eds), RoutledgeFalmer, London, pp. 13-17.
- Amos, R. & Reiss, M. (2004) Getting away from it all: The 2004 FSC / London Challenge residential experience. *Field Studies Council Magazine*, **27**, 3-5.
- Braund, M. & Reiss, M. (2004) The nature of learning science outside the classroom. In: *Learning Science Outside the Classroom*, Braund, M. & Reiss, M.J. (Eds), RoutledgeFalmer, London, pp. 1-12.
- Braund, M. & Reiss, M.J. (Eds) (2004) *Learning Science Outside the Classroom*, RoutledgeFalmer, London.
- Levinson, R. & Reiss, M. (2004) Ethics in science education, *School Science Review*, **86(315)**, 23-24.
- Braund, M., Reiss, M., Tunnicliffe, S.D. & Moussouri, T. (2004) Beyond the classroom: the importance of outside-of-school contexts for learning science. Conference proceedings of the XI International Organisation of Science and Technology Education (IOSTE) Symposium: *Science and Technology Education for a Diverse World – dilemmas, needs and partnerships*, Maria Curie-Skłodowska University, Lublin, Poland 25-30 July 2004.
- Ellis, P., Taylor, J. & Reiss, M.J. (2004) *Perspective on Science*, University of York, York.
- GM Science Review Panel (2004) *GM Science Review: Second Report*, Department of Trade and Industry, London. Available at <http://www.gmsciencedebate.org.uk/report/default.htm#second>.
- Reiss, M. (2003) Gender equity in primary science. In: *Boys and Girls in the Primary Classroom*, Skelton, C. & Francis, B. (Eds), Open University Press, Buckingham, pp. 80-97.

- Reiss, M.J. (2003) Science education for social justice. In: *Social Justice, Education and Identity*, Vincent C. (Ed.), RoutledgeFalmer, London, pp. 153-165.
- Reiss, M.J. (2003) "And in the world to come, life everlasting." In: *Brave New World? Theology, Ethics and the Human Genome*, Deane-Drummond, C. (Ed.), T. & T. Clark, Edinburgh, pp. 49-67.
- Reiss, M.J. (2003) Sex and relationships education. In: *Key Issues in Secondary Education: Introductory Readings, 2<sup>nd</sup> edn*, Beck, J. & Earl, M. (Eds), Continuum, London, pp. 172-181.
- Reiss, M.J. (2003) Possums on the pill: how to save nature. In: *Re-ordering Nature: Theology, Society and the New Genetics*, Deane-Drummond, C. & Szersynski, B. with Grove-White, R. (Eds), T. & T. Clark, London, pp. 77-84.
- Reiss, M.J. (2003) Is it right to move genes between species? A theological perspective. In: *Re-ordering Nature: Theology, Society and the New Genetics*, Deane-Drummond, C. & Szersynski, B. with Grove-White, R. (Eds), T. & T. Clark, London, pp. 138-150.
- Reiss, M. (2003) Ethics and biosafety: plant genetic engineering – food safety issues. In: *Encyclopedia of Applied Plant Sciences*, Thomas, B., Murphy, D.J. & Murray, B.G. (Eds), Elsevier Science, Oxford, pp. 301-305.
- Reiss, M. (2003) Life after Section 28, *The Guardian*, **Education 18 November**, 12.
- Reiss, M.J. (2003) The ethics of patenting DNA. *Journal of Commercial Biotechnology*, **9**, 192-198.
- Reiss, M.J. (2003) How we reach ethical conclusions. In: *Key Issues in Bioethics: A Guide for Teachers*, Levinson, R. & Reiss, M. J. (Eds), RoutledgeFalmer, London, pp. 14-23.
- Reiss, M.J. (2003) Should we genetically engineer humans? In: *Key Issues in Bioethics: A Guide for Teachers*, Levinson, R. & Reiss, M. J. (Eds), RoutledgeFalmer, London, pp. 121-130.
- Reiss, M.J. (2003) Swords into ploughshares. In: *Timeless Prayers for Peace*, Duncan, G. (Ed.), Canterbury Press, Norwich, pp. 104-105.
- Reiss, M. (2003) The learning behind the story. *TES Teacher*, **September 5**, 25.
- Halstead, J.M. & Reiss, M.J. (2003) *Values in Sex Education: From Principles to Practice*, RoutledgeFalmer, London.
- Levinson, R. & Reiss, M.J. (2003) Issues and scenarios. In: *Key Issues in Bioethics: A Guide for Teachers*, Levinson, R. & Reiss, M. J. (Eds), RoutledgeFalmer, London, pp. 3-13.
- Levinson, R. & Reiss, M.J. (Eds) (2003) *Key Issues in Bioethics: A Guide for Teachers*, RoutledgeFalmer, London.
- Manokore, V. & Reiss, M.J. (2003) Pupils' drawings of what is inside themselves: a case study in Zimbabwe. *Zimbabwe Journal of Educational Research*, **15**, 28-43.
- Boulter, C., Tunnicliffe, S.D. & Reiss, M. (2003) Probing children's understandings of the natural world. In: *Biology Education for the Real World, Proceedings of the IVth Conference of European Researchers in Didactic of Biology (ERIDOB)*, Lewis, J., Magro, A. & Simonneaux, L. (Eds), Ecole Nationale de Formation Agronomique, Toulouse, pp. 243-257.
- Cerini, B., Murray, I. & Reiss, M. (2003) Student Review of the Science Curriculum: Major Findings, Planet Science, London. Available at <http://www.planet-science.com/sciteach/review/Findings.pdf>.
- Murray, I., Cerini, B. & Reiss, M. (2003) Student Review of the Science Curriculum: Consultation Process, Planet Science, London. Available at <http://www.planet-science.com/sciteach/review/Process.pdf>.
- Hall, A., Reiss, M.J., Rowell C. & Scott, C. (2003) Designing and implementing a new

- advanced level biology course. *Journal of Biological Education*, **37**, 161-167.
- Hall, A., Reiss, M.J., Rowell C. & Scott, A. (2003) Biología avanzada Salters-Nuffield: un nuevo curso de biología para la etapa de 16 a 18 años. *Alambique*, **36**, 88-97.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2003) *Salters-Nuffield Advanced Biology A2 Student Book 4, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2003) *Salters-Nuffield Advanced Biology A2 Student Book 3, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2003) *Salters-Nuffield Advanced Biology A2 Student, Teacher and Technician Resource, CD-ROM 4, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2003) *Salters-Nuffield Advanced Biology A2 Student, Teacher and Technician Resource, CD-ROM 3, Pilot edition*, Heinemann, Oxford.
- GM Science Review Panel (2003) *GM Science Review: First Report*, Department of Trade and Industry, London. Available at <http://www.gmsciencedebate.org.uk/report/default.htm#first>.
- Reiss, M.J. (2002) Ethical dimensions of therapeutic human cloning. *Journal of Biotechnology*, **98**, 61-70.
- Reiss, M.J. (2002) Reforming school science education in the light of pupil views and the boundaries of science. *School Science Review*, **84(307)**, 71-77.
- Reiss, M.J. (2002) Introduction to ethics and bioethics. In: *Bioethics for Scientists*, Bryant, J.A., Baggott-Lavelle, L.M. & Searle, J.F. (Eds), Wiley Liss, New York, pp. 3-17.
- Reiss, M. (2002) The connections between religious education and sex education. *The Bulletin of the UK-Japan Education Forum*, **6**, 10-15 [and in Japanese, pages 16-20].
- Reiss, M. (2002) Sex education for adolescents in school. *The Bulletin of the UK-Japan Education Forum*, **6**, 61-69 [and in Japanese, pages 70-75].
- Reiss, M.J. (2002) Agricultural duties. *Syngenta Lectures*, **1**, 32-37.
- Reiss, M.J. (2002) *Research Update. Stem Cells & Therapeutic Cloning*, Medical Research Council. London. Available at <http://www.schoolscience.co.uk/content/5/biology/mrc/cloning/page1.html>.
- Reiss, M.J. (2002) Labelling GM foods: the ethical way forward. *Nature Biotechnology*, **20**, 868.
- Reiss, M.J. (2002) Response to Marc Lappé. *Nature Biotechnology*, **20**, 1082.
- Reiss, M.J. (2002) 25 editions of *FEEDBACK*. *FEEDBACK*, **25**, 21.
- Reiss, M.J. (2002) Sex education for adolescents in school [in Japanese]. *Sex Education Today*, **20(1)**, 10-12.
- Reiss, M.J. (2002) [Two prayers and a poem.] In: *Courage to Love: An Anthology of Inclusive Worship Material*, Duncan, G. (Ed.), Darton, Longman & Todd, London, pp. 27, 54 & 207.
- Givens, P. & Reiss, M.J. (1996, 2002) *Human Biology and Health Studies*, 1<sup>st</sup> edn, 2<sup>nd</sup> edn, Nelson Thornes, Cheltenham; 1<sup>st</sup> edn Nelson, Walton-on-Thames.
- Straughan, R. & Reiss, M. (2002) Animal pharm. *TES Teacher*, **15 November**, 12-15.
- Boulter, C., Reiss, M. J. & Tunnicliffe, S. D. (2002) Children's understandings of the natural world: the significance of methodology and context, *Education-line* [www.leeds.ac.uk/educol/documents/00002302.htm](http://www.leeds.ac.uk/educol/documents/00002302.htm).
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2002) *Salters-Nuffield Advanced*

- Biology AS Student Book 2, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M., Rowell, C. & Scott, A. (Eds) (2002) *Salters-Nuffield Advanced Biology AS Student, Teacher and Technician Resource, CD-ROM 2, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M. & Scott, A. (Eds) (2002) *Salters-Nuffield Advanced Biology AS Student Book 1, Pilot edition*, Heinemann, Oxford.
- Hall, A., Reiss, M. & Scott, A. (Eds) (2002) *Salters-Nuffield Advanced Biology AS Student, Teacher and Technician Resource, CD-ROM 1, Pilot edition*, Heinemann, Oxford.
- Reiss, M.J., Tunnicliffe, S.D., Andersen, A.M., Bartoszeck, B., Carvalho, G.S., Chen, S., Jarman, R., Jónsson, S., Manokore, M., Marchenko, N., Mulemwa, J., Novikova, T., Otuka, J., Teppa, S. & Van Rooy, W. (2002) An international study of young people's drawings of what is inside themselves. *Journal of Biological Education*, **36**, 58-64.
- House of Lords Select Committee on Animals in Scientific Procedures (2002) *Volume 1 – Report*, Stationery Office, London. Available at <http://www.publications.parliament.uk/pa/ld/ldanimal.htm>.
- Reiss, M.J. (2001) Perceptions of the environment among some Gebaliya Bedouin. *Australian Journal of Environmental Education*, **17**, 47-54.
- Reiss, M.J. (2001) Sollen wir Menschen gentechnisch verändern? In: *Ethische Probleme in den Biowissenschaften*, Weber, C. & Hoyningen-Huene, P. (Eds), Synchron, Heidelberg, pp. 7-29.
- Reiss, M.J. (2001) *Representing Science: An Inaugural Lecture*, University of London Institute of Education, London.
- Reiss, M.J. (2001) The theology of genetic engineering: is it right to move genes between species? In: Genetic Engineering, Volume XV in the 'Christ and the Cosmos' Series. Proceedings of the Consultation held at All Saints Pastoral Centre, London Colney from 20<sup>th</sup>-22<sup>nd</sup> April 2001, Beamond, B. (Ed.), pp. 172-183.
- Reiss, M.J. (2001) Ethical considerations at the various stages in the development, production and consumption of GM crops. *Journal of Agricultural and Environmental Ethics*, **14**, 179-190.
- Reiss, M. (2001) Should we make people in our own image? Ethical questions. *Chrism*, **38(3)**, 2-8.
- Reiss, M.J. (2001) Branches of enquiry. *TES Curriculum Special, Autumn 2001 September 7*, 6-7.
- Reiss, M.J. (2001) How to ensure that pupils don't lose interest in science. *Education Today*, **51(2)**, 34-40.
- Reiss, M.J. (2001) Loves that have a quiet voice. *International Journal of Children's Spirituality*, **6**, 243-245.
- Reiss, M.J. (2001) Editorial. *Sex Education*, **1**, 5-7.
- Reiss, M.J. (2001) Teaching the science and ethics of cloning. *QA Science*, **1**, 43.
- Reiss, M. (2001) The value of longitudinal research – an example from science education research. In: *Making Sense of Teaching and Learning through Environmental Education Research. Proceedings of a FERN Research Seminar held at the Chelsea Physic Garden, London on November 17, 2000*, Richardson, M. & Sanders, D. (Eds), NFER/Chelsea Physic Garden, London, pp. 3-16.
- Reiss, M.J. (2001) Girls and boys in science lessons. In: *Research in Science Education in Europe: The Picture Expands*, Bandiera, M., Caravita, S., Torracca, E. & Vicentine, M. (Eds), Litoflash, Roma, pp. 395-401.

- Reiss, M.J. (2001) (Ed.) Special issue on 'Two Systems – One World'. *Journal of Agricultural & Environmental Ethics*, **14**(2), 129-254.
- Reiss, M.J. & Tunnicliffe, S.D. (2001) Students' understandings of human organs and organ systems. *Research in Science Education*, **31**, 383-399.
- Reiss, M.J. & Tunnicliffe, S.D. (2001) Students' understandings about organs and organ systems in different animals. In: *Proceedings of the Third Conference of European Researchers in Didactic of Biology (ERIDOB)*, Gayoso, I. G.-R., de Bustamante, J. D., Harms, U & Aleixandre, M. P. J. (Eds), Universidade de Santiago de Compostela, Santiago de Compostela, pp. 113-125.
- Reiss, M.J. & Tunnicliffe, S.D. (2001) What sorts of worlds do we live in nowadays? Teaching biology in a post-modern age. *Journal of Biological Education*, **35**, 125-129.
- Reiss, M.J. & Tunnicliffe, S.D. (2001) Students' understandings of their internal structures as revealed by drawings. In: *Research in Science Education- Past, Present, and Future*, Behrendt, H., Dahncke, H., Duit, R., Graber, W., Komorek, M., Kross, A. & Reiska, P. (Eds), Kluwer, Dordrecht, pp. 101-106.
- Reiss, M.J. & Tunnicliffe, S.D. (2001) An international study of young people's drawings of internal human anatomy. In: *Proceedings of the Third International Conference of the European Science Education Research Association on Science Education Research in the Knowledge Based Society*, Volume II, Psillos, D., Kariotoglou, P., Tselfes, V., Bisdikian, G., Fassoulopoulos, G., Hatzikraniotis, E. & Kallery, M. (Eds), Art of Text, Thessaloniki, pp. 594-596.
- King, T. & Reiss, M. with Roberts, M. (2001) *Practical Advanced Biology*, Nelson Thornes, Cheltenham.
- Tunnicliffe, S. D. & Reiss, M.J. (2001) Conversations in science: what children bring to brine shrimps. In: *Research in Science Education in Europe: The Picture Expands*, Bandiera, M., Caravita, S., Torracca, E. & Vicentine, M. (Eds), Litoflash, Roma, pp. 59-65.
- Tunnicliffe, S.D. & Reiss, M.J. (2001) What's inside bodies? Learning about skeletons and other organ systems of vertebrate animals. In: *Proceedings of the 1<sup>st</sup> Symposium of the International Organization for Science and Technology Education in Southern Europe, Volume II*, Valanides, N. (Ed.), Imprinta, Paralimni, Cyprus, pp. 84-94.
- Hall, A., Reiss, M. & Scott, A. (2001) Developing a new advanced level biology specification. *Science Teacher Education*, **31**, 14-16.
- Reiss, M.J., Haynes, R.P., Brom, F.W.A. & Elliott, J. D. (2001) Editorial. *Journal of Agricultural & Environmental Ethics*, **14**, 129-133.
- Reiss, M.J. (2000) *Understanding Science Lessons: Five Years of Science Teaching*, Open University Press, Buckingham.
- Reiss, M.J. (2000) The ethics of xenotransplantation. *Journal of Applied Philosophy*, **17**, 253-262.
- Reiss, M.J. (2000) Science in society or society in science? In: *Science 3-13: The Past, the Present and Possible Futures*, Warwick, P. & Sparks Linfield, R. (Eds), RoutledgeFalmer, London, pp. 118-129.
- Reiss, M.J. (2000) The ethics of genetic research on intelligence. *Bioethics*, **14**, 1-15.
- Reiss, M.J. (2000) Sex education. In: *Key Issues in Secondary Education*, Beck, J. & Earl, M. (Eds), Cassell, London, pp. 141-150.
- Reiss, M. (2000) Teaching science in a multicultural, multi-faith society. In: *Issues in the Teaching of Science*, Sears, J. & Sorensen, P. (Eds), RoutledgeFalmer, London, pp. 16-22.
- Reiss, M.J. (2000) Transgenic maize. In: *International Conference of the Council of*

- Europe on Ethical Issues Arising from the Application of Biotechnology, Oviedo, 16-19 May 1999, Part 2: Speakers' contributions*, pp. 53-60.
- Reiss, M.J. (2000) The genetic engineering of people. *Crucible*, **January-March**, 9-20.
- Reiss, M.J. (2000) On suffering and meaning: an evolutionary perspective. *Modern Believing*, **41(2)**, 39-46.
- Reiss, M. (2000) The prospect of GM people. *Church Times*, **24 March**, 8.
- Reiss, M. (2000) Why pupils lose interest in science. *TES Curriculum Special*, **Summer May 5**, 18.
- Reiss, M.J. (2000) Section summary: ethical aspects of transgenesis. In: *Progress in the Reduction, Refinement and Replacement of Animal Experimentation*, Balls, M., van Zeller, A.-M. & Halder, M. E. (Eds), Elsevier Science B.V., Amsterdam, pp. 1447-1448.
- Reiss, M.J. (2000) How can societies decide whether or not the transgenesis of laboratory animals should be permitted? In: *Progress in the Reduction, Refinement and Replacement of Animal Experimentation*, Balls, M., van Zeller, A.-M. & Halder, M. E. (Eds), Elsevier Science B.V., Amsterdam, pp. 1449-1456.
- Reiss, M. & Chapman, J. (2000) *Environmental Biology*, Cambridge University Press, Cambridge.
- Reiss, M.J. & Tunnicliffe, S.D. (2000) What do children know about plants? *Botanic Gardens Education Yearbook 2000*, pp. 38-39.
- Tunnicliffe, S.D. & Reiss, M.J. (2000) What sense do children make of three-dimensional, life-sized "representations" of animals? *School Science and Mathematics*, **100**, 128-138.
- Tunnicliffe, S.D. & Reiss, M.J. (2000) Building a model of the environment: how do children see plants? *Journal of Biological Education*, **34**, 172-177.
- Tunnicliffe, S.D. & Reiss, M.J. (2000) Students' understandings about animal skeletons. In: *Research in Didaktik of Biology: Proceedings of the Second Conference of European Researchers in Didaktik of Biology, University of Göteborg, November 18 - 22, 1998*, Andersson, B., Harms, U., Helldén, G. & Sjöbeck, A.-L. (Eds), Göteborgs Universitet, Göteborg, pp. 85-96.
- Roberts, M.B.V., Reiss, M.J. & Monger, G. (2000) *Advanced Biology*, Nelson, Walton-on-Thames.
- Solomon, J., Horsfall, P., Reiss, M., O'Brien, P., Robinson, R., Hughes, R. & Dunning, C. (2000) *Science Web Reader: Biology*, Nelson, Cheltenham.
- Applin, D., Isaacson, P. B., Fullick, A., Hunt, A., Melamed, A., Millar, R., Milner, B. & Reiss, M. (2000) *AS Science for Public Understanding*, Heinemann, Oxford.
- Reiss, M.J. (1999) Teaching ethics in science. *Studies in Science Education*, **34**, 115-140.
- Reiss, M.J. (1999) Genetically modified foods: ethical issues. *Journal of Commercial Biotechnology*, **6**, 139-145.
- Reiss, M.J. (1999) Parental views about science at school. *Proceedings of Second International Conference of the European Science Education Research Association*, pp. 405-407.
- Reiss, M. (1999) The ethical and religious implications of plant genetics. In: *Sweet As You Are: Information Pack*, Blake, L., Bond, J. & Robinson, C. (Eds), Y Touring, London, pp. 24-26.
- Reiss, M. (1999) Introduction. In: *Teaching Secondary Biology*, Reiss, M. (Ed.), John Murray, London, pp. ix-x.
- Reiss, M. (Ed.) (1999) *Teaching Secondary Biology*, John Murray, London.
- Reiss, M.J. (1999) What sort of people do we want? The ethics of changing people

- through genetic engineering. *Notre Dame Journal of Law, Ethics & Public Policy*, **13**, 63-92.
- Reiss, M.J. (1999) Bioethics. *Journal of Commercial Biotechnology*, **5**, 287-293.
- Reiss, M.J. (1999) The ethical implications of the public perception of biotechnology. *I Encuentro Internacional sobre biotecnología, industria y sociedad BIOSPAIN 99*, pp. 137-142.
- Reiss, M.J. (1999) How should we teach in schools about sexual orientation? A rejoinder to Petrovic. *Journal of Moral Education*, **28**, 211-214.
- Reiss, M.J. (1999) Is it right to patent human genes? In: *Innovation from Nature: The Protection of Inventions in Biology, 2nd edn*, BioIndustry Association, London, pp. 35-39.
- Reiss, M.J. (1999) Should we allow animals to be genetically engineered? In: *Innovation from Nature: The Protection of Inventions in Biology, 2nd edn*, BioIndustry Association, London, pp. 45-53.
- Reiss, M.J. (1999) *Research Update 15: Ethics and the Gene Map*, Medical Research Council, London.
- Reiss, M.J. (1999) A Christian perspective on animal ethics. *Majestas*, **April**, 4.
- Reiss, M.J. (1999) *The Age of Consent for Homosexual Relationships: A Christian Perspective*, Lesbian & Gay Christian Movement, London.
- Reiss, M. & Hobden, J. (Eds) (1999) *The Primary Teacher as Scientist: Projects to Inspire and Enhance Understanding of Scientific Process*, SCICentre, University of Leicester.
- Reiss, M.J. & Tunnicliffe, S.D. (1999) Conceptual development. *Journal of Biological Education*, **34**, 13-16.
- Reiss, M. & Tunnicliffe, S.D. (1999) Children's knowledge of the human skeleton. *Primary Science Review*, **60**, 7-10.
- Reiss, M.J., Millar, R. & Osborne, J. (1999) Beyond 2000: science/biology education for the future. *Journal of Biological Education*, **33**, 68-70.
- Chapman, J.L. & Reiss, M.J. (1992, 1999) *Ecology: Principles and Applications, 1st edn, 2nd edn*, Cambridge University Press, Cambridge. Also published in Italian.
- Dockery, M. & Reiss, M.J. (1999) *Behaviour*, Cambridge University Press, Cambridge.
- Hobden, J. & Reiss, M. (1999) Preface; The Primary Teacher as Scientist Project – background and aims; Investigations in science; Suggestions for carrying out similar work with trainee teachers and teachers. In: Reiss, M. & Hobden, J. (Eds) (1999) *The Primary Teacher as Scientist: Projects to Inspire and Enhance Understanding of Scientific Process*, SCICentre, University of Leicester, pp. 3; 5-6; 7-9; 46-48.
- Hobden, J. & Reiss, M. (1999) The Primary Teacher as Scientist Project. *Primary Science Review*, **56**, 2-3.
- Hobden, J. & Reiss, M. (Eds) (1999) Special issue on 'Primary Teacher as Scientist Project: Teachers report on their experiences'. *Primary Science Review*, **56**, 1-32.
- Richardson, M.K. & Reiss, M.J. (1999) What does the human embryo look like and does it matter? *The Lancet*, **354**, 244-246.
- Tunnicliffe, S.D. & Reiss, M.J. (1999) Opportunities for sex education and personal and social education (PSE) through science lessons: the comments of primary pupils when observing meal worms and brine shrimps. *International Journal of Science Education*, **21**, 1007-1020.
- Tunnicliffe, S.D. & Reiss, M.J. (1999) Students' understandings about animal skeletons. *International Journal of Science Education*, **21**, 1187-1200.

- Tunncliffe, S.D. & Reiss, M.J. (1999) Talking about brine shrimps: three ways of analysing pupil conversations. *Research in Science & Technological Education*, **17**, 203-217.
- Tunncliffe, S.D. & Reiss, M.J. (1999) Students' understandings about animal organs. *Proceedings of Second International Conference of the European Science Education Research Association*, pp. 651-653.
- Tunncliffe, S.D. & Reiss, M.J. (1999) The place of living organisms in children's lives. *Ethics, Place and Environment*, **2**, 108-114.
- Tunncliffe, S.D. & Reiss, M.J. (1999) Building a model of the environment: how do children see animals? *Journal of Biological Education*, **33**, 142-148.
- Tunncliffe, S.D. & Reiss, M.J. (1999) Learning about skeletons and other organ systems of vertebrate animals. *Science Education International*, **10**, 29-33.
- Tunncliffe, S.D. & Reiss, M. (1999) Children's recognition and identification of plants and animals: beginning to learn about sustainability of the environment. *Proceedings of the 9th Symposium of the International Organization for Science and Technology Education*, pp. 696-702.
- Docherty, J., Hobden, J. & Reiss, M. (1999) The effect of the project on participating teachers. In: Reiss, M. & Hobden, J. (Eds) (1999) *The Primary Teacher as Scientist: Projects to Inspire and Enhance Understanding of Scientific Process*, SCICentre, University of Leicester, pp. 43-45.
- Bennett, D. J. *et al.* (1999) *Ethical Aspects of Agricultural Biotechnology*, Cambridge Biomedical Consultants, The Hague.
- Methodist Church Genetics Working Party (1999) *Making Our Genes Fit: Christian Perspectives on the New Genetics*, Methodist Church, Peterborough.
- Reiss, M.J. (1998) Science for all. In: *ASE Guide to Primary Science Education*, Sherrington, R. (Ed.), Stanley Thornes, Cheltenham, pp. 34-43.
- Reiss, M.J. (1998) Science for all. In: *ASE Guide to Secondary Science Education*, Ratcliffe, M. (Ed.), Stanley Thornes, Cheltenham, pp. 42-51.
- Reiss, M.J. (1998) The representation of human sexuality in some science textbooks for 14-16 year-olds. *Research in Science & Technological Education*, **16**, 137-149.
- Reiss, M.J. (1998) The history of school sex education. *Muslim Education Quarterly*, **15(2)**, 4-13. Reprinted in Reiss, M.J. & Mabud, S.A. (Eds) (1998) *Sex Education and Religion*, The Islamic Academy, Cambridge, pp. 5-18.
- Reiss, M.J. (1998) Christian views of sex and sex education. *Muslim Education Quarterly*, **15(2)**, 94-104. Reprinted in Reiss, M.J. & Mabud, S.A. (Eds) (1998) *Sex Education and Religion*, The Islamic Academy, Cambridge, pp. 135-149.
- Reiss, M.J. (1998) Helping primary school teachers carry out scientific research. *Proceedings of the 3rd UK-Japan Conference on Science, Creativity and the Young Mind*, pp. 13-18.
- Reiss, M.J. (1998) Building animals to order. *Biologist*, **45**, 161-163.
- Reiss, M.J. (1998) What do school science books say about human sexuality? *Lesbian and Gay Christian Movement News*, **56**, 14-15.
- Reiss, M. (1998) Pig in the middle of transplant row. *Cambridge Evening News*, **August 5**, 22.
- Reiss, M.J. (1998) The future of lifescience education. *School Science Review*, **79(289)**, 19-24.
- Reiss, M. (1998) Biotechnology. In: *Encyclopedia of Applied Ethics, Volume 1*, Chadwick, R. (Ed.), Academic Press, New York, pp. 319-333. Reprinted in Chadwick, R. (Ed.) (2001) *The Concise Encyclopedia of the Ethics of New Technologies*, Academic Press, San Diego, pp. 13-26.

- Reiss, M. (1998) The ethics of modern agricultural biotechnology. *Proceedings of the 1998 Royal Agricultural College Association & Royal Agricultural College Cirencester Conference*, pp. 1-17.
- Reiss, M. (1998) Philosophical and religious issues in the patenting of DNA. In: *New Technologies, Global Markets and Territoriality of Laws: A Challenge for Intellectual Property: Association Internationale pour la Protection de la Propriété Industrielle Centennial Symposia*, Straus, J. (Ed.), Association Internationale pour la Protection de la Propriété Industrielle, Zurich, pp. 10-14.
- Reiss, M.J. & Mabud, S.A. (Eds) (1998) Special issues on 'sex education and religion'. *Muslim Education Quarterly*, **15(2)** & **15(3)**, 1-104. Simultaneously published as Reiss, M.J. & Mabud, S.A. (Eds) (1998) *Sex Education and Religion*, The Islamic Academy, Cambridge.
- Millar, R. & Osborne, J. (Eds) (1998) *Beyond 2000: Science Education for the Future. A report with ten recommendations*, King's College London, London. Available at <http://www.kcl.ac.uk/content/1/c6/01/32/03/b2000.pdf>.
- Reiss, H. *et al.* (1998) *Reproductive Medicine from A to Z*, Oxford University Press, Oxford. Also published in Italian.
- Reiss, M. (1997) Ethical issues. In: *Genetic Engineering in Food Production, International Congress and Symposium Series*, **224**, Lord Soulsby of Swaffham Prior (Ed.), Royal Society of Medicine Press, London, pp. 165-175.
- Reiss, M.J. (1997) A response: "Genes, religion and society: the developing views of the churches". *Science and Engineering Ethics*, **3**, 289-292.
- Reiss, M.J. (1997) The value(s) of sex education. *Journal of Moral Education*, **26**, 253-255.
- Reiss, M.J. (1997) Teaching about homosexuality and heterosexuality. *Journal of Moral Education*, **26**, 343-352.
- Reiss, M.J. (1997) Is it right to patent DNA? *Bulletin of Medical Ethics*, **124**, 21-24.
- Reiss, M.J. (1997) Seeking values in science. *Questions of Maths and Science*, **4**, 28-30.
- Reiss, M.J. (1997) *Research Update 9: Heart Disease, Fitness and Diet*, Medical Research Council, London.
- Reiss, M.J. (1997) Dibs: in search of self. *Psychodynamic Counselling*, **3**, 335-338.
- Reiss, M.J. (Ed.) (1997) Special issue on 'Moral Values and Sex Education'. *Journal of Moral Education*, **26(3)**, 252-377.
- Dockery, M. & Reiss, M.J. (1997) *Animal Behaviour: Practical Work and Data Response Exercises at GCSE*, Association for the Study of Animal Behaviour, Cambridge.
- Reiss, H. *et al.* (1995-1997) Dictionary of terms in reproductive medicine. Published as a series of articles in *Human Reproduction Update* **1(6)** - **3(2)**.
- Reiss, M.J. (1996) Food, smoking and sex: values in health education. In: *Values in Education and Education in Values*, Halstead, J.M. & Taylor, M.J. (Eds), Falmer Press, London, pp. 92-103.
- Reiss, M.J. (1996) Is it ethical to patent human genes? In: *Innovation from Nature: The Protection of Inventions in Biology*, BiolIndustry Association, London, pp. 15-19.
- Reiss, M.J. (1996) Ethical issues surrounding the genetic engineering of animals. In: *Innovation from Nature: The Protection of Inventions in Biology*, BiolIndustry Association, London, pp. 31-40.
- Reiss, M.J. (1996) Girls and boys in science lessons. *Proceedings of the 1996 ASET Conference*, pp. 43-54.

- Reiss, M.J. (1996) Food biotechnology: the science and ethics of genetic engineering. *Proceedings of the Chartered Institute of Environmental Health's 1996 Environmental Health Congress*, pp. 81-91.
- Reiss, M.J. (1996) Ethical issues surrounding the use of animals in education. *Feedback*, **5**, 8-12.
- Reiss, M.J. (1996) The primary teacher as scientist. *Science Teacher Education*, **16**, 7-8.
- Reiss, M.J. (1996) School biology in a healthy state – or is it? *Biologist*, **43**, 195-196.
- Reiss, M.J. (Ed.) (1996) *Living Biology in Schools*, Institute of Biology, London.
- Reiss, M.J. & Straughan, R. (1996) *Improving Nature? The Science and Ethics of Genetic Engineering*, Cambridge University Press, Cambridge. Also published in Chinese, Croatian, Japanese, Polish and Portuguese. Extract published in *Genetics: Critical Concepts in Social and Cultural Theory*, N. Redclift & S. Gibbon (Eds) (2006), Routledge, London.
- Dockery, M. & Reiss, M.J. (1996) *Animal Behaviour: Practical Work and Data Response Exercises for Sixth Form Students*, Association for the Study of Animal Behaviour, Cambridge.
- Lock, R. & Reiss, M.J. (1996) Moral and ethical issues. In: *Living Biology in Schools*, Reiss, M.J. (Ed.), Institute of Biology, London, pp. 109-120.
- Straughan, R. & Reiss, M. (1996) *Ethics, Morality and Crop Biotechnology*, biotechnology and biological sciences research council, Swindon. Also published in Chinese and Portuguese.
- Reiss, M.J. (1995) Conflicting philosophies of school sex education. *Journal of Moral Education*, **24**, 371-382. Reprinted in Curren, R (Ed.) (2007) *Philosophy of Education: An Anthology*, Blackwell, Oxford, pp. 553-560.
- Reiss, M.J. (1995) Beechwood ecology: A level biology projects. In: *Scientific Research in Schools: A Compendium of Practical Experience*, Albone, E., Collins, N. & Hill, T. (Eds), Clifton Scientific Trust, Bristol, p. 52.
- Reiss, M.J. (1995) All of a child learning science: fieldwork with Yr. 7 pupils. *Proceedings of the 1995 ASET Conference*, pp. 86-94.
- Reiss, M.J. (1995) Playing God? *GenEthics News*, **6**, 6.
- Reiss, M. (1995) Should we use living organisms to teach science? *Offshoots*, **Summer**, 18-22.
- Reiss, M.J. (1995) Heaven. *Animal Christian Concern News*, **Winter/Spring**, 10.
- Reiss, M.J. (1995) Wildlife at St. Mary's. *The Bells of St Mary's*, **8**, 4.
- Reiss, M.J. (1995) Robins face right. *Journal of Biological Education*, **29**, 237-238.
- Brimicombe, M., Ellis, R., Gadd, K., Holman, J., Reed, N. & Reiss, M. (1995) *Advanced GNVQ Science*, Nelson, Walton-on-Thames.
- Brimicombe, M., Ellis, R., Gadd, K. & Reiss, M. (1995) *Intermediate GNVQ Science*, Nelson, Walton-on-Thames.
- Reiss, M.J. (1994) The views of PGCE science students on multicultural and anti-racist science education. *Multicultural Teaching*, **13**, 22-27.
- Reiss, M.J. (1994) Some tentative thoughts about the difference between pastoral care and counselling. *Cambridgeshire Consultancy in Counselling Newsletter*, **February 1994**, 16-19.
- Reiss, M.J. (1994) The subject of sex. *Tablet*, **19 February**, 210-211.
- Reiss, M.J. (1994) *Advanced Questions on Everyday Biology*, Nelson Blackie, Glasgow.
- Reiss, M.J. (1994) Some useful living resources. In: *The Living Earth: A Resource for Learning*, Living Earth Foundation (Ed.), Hodder & Stoughton, pp. 42-48.

- Reiss, M.J. (1994) The new core for advanced level biology. *Journal of Biological Education*, **28**, 81-82.
- Reiss, M.J. & Chapman, J.L. (1994) *Ecology and Conservation*, Cambridge University Press, Cambridge.
- McFarlane, A., Price, R. & Reiss, M.J. (1994) *Investigating Plant Science on CD-ROM*, ATTICA Cybernetics, Oxford.
- Roberts, M.B.V., King, T.J. & Reiss, M.J. (1994) *Practical Biology for Advanced Level*, Nelson, Walton-on-Thames.
- Lenderyou, G., Porter, M. *et al.* (1994) *Sex Education, Values and Morality*, Health Education Authority, London.
- Reiss, M.J. (1993) *Science Education for a Pluralist Society*, Open University Press, Milton Keynes. Also published in Korean. Extracts published as Reiss, M.J. (2002) What is science? In: *Teaching Science in Secondary Schools: A Reader*, Amos, S. & Boohan, R. (Eds), RoutledgeFalmer, London, pp. 40-54, Reiss, M.J. (2002) Science education for all. In: *Aspects of Teaching Secondary Science: Perspectives on Practice*, Amos, S. & Boohan, R. (Eds), RoutledgeFalmer, London, pp. 255-264 and Reiss, M.J. (2004) What is science? Teaching science in secondary schools. In: *Reconsidering Science Learning*, Scanlon, E., Murphy, P., Thomas, J. & Whitelegg, E. (Eds), RoutledgeFalmer, London, pp. 3-12.
- Reiss, M.J. (1993) Organizing and running a residential fieldtrip. *School Science Review*, **74(268)**, 132-135.
- Reiss, M.J. (1993) Sex education in schools. *The Health Letter*, **1**, 1.
- Reiss, M.J. (1993) Science. In: *The Multicultural Dimension of the National Curriculum*, King, A. & Reiss, M.J. (Eds), Falmer Press, London, pp. 63-77.
- Reiss, M.J. (1993) AIDS and syphilis: sexually transmitted diseases in history. *Hindsight*, **3(3)**, 22-24.
- Reiss, M.J. (1993) What are the aims of school sex education? *Cambridge Journal of Education*, **23**, 125-136.
- Reiss, M.J. (1993) Use of animals in the educational context: current pupil attitudes and perceptions and a framework for the future. *British Society of Animal Production Winter Meeting 1993, Summaries*, Paper 47.
- Reiss, M.J. (1993) An ethical framework for the use of animals in research and education. In: Anderson, D., Reiss, M. and Campbell, P. (Eds), *Ethical Issues in Biomedical Sciences: Animals in Research and Education*, Institute of Biology, London, pp. 3-8.
- Reiss, M.J. (1993) Biology-based investigations for AT1. *Offshoots*, **Summer**, 4-6.
- Reiss, M.J. (1993) Organisms for teaching. *Journal of Biological Education*, **27**, 155-156.
- Reiss, M. (1993) Is biggest best? Size and scaling in organisms. *Biological Sciences Review*, **6(1)**, 2-5.
- Reiss, M.J. (1993) New core for advanced level biology. *Biologist*, **40**, 190.
- Reiss, M.J. (1993) The argument from design. *Modern Churchman*, **34**, 105-110.
- King, A. & Reiss, M.J. (Eds) (1993) *The Multicultural Dimension of the National Curriculum*, Falmer Press, London.
- Senior, K. & Reiss, M.J. (Eds) (1993) *The Search for Health: Medical Research in Action – Teacher's Notes and Worksheets*, Hobsons, Cambridge.
- Anderson, D., Reiss, M. and Campbell, P. (Eds) (1993), *Ethical Issues in Biomedical Sciences: Animals in Research and Education*, Institute of Biology, London.
- Roberts, M.B.V., Reiss, M.J. & Monger, G. (1993) *Biology: Principles and Processes*, Nelson, Walton-on-Thames. Also published in Italian.

- Reiss, M.J. (1992) On human selfishness. *Modern Churchman*, **23(4)**, 23-29.
- Reiss, M.J. (1992) How many technicians does a science education department need? *Science Teacher Education*, **4**, 11.
- Reiss, M.J. (1992) Advanced level biology: towards the year 2000. *Past Sixteen Science Issues Forum*, **8**, 22.
- Reiss, M.J. (1992) Ecological investigations. In: *Ecology Projects: Ideas and Practicals from the Journal of Biological Education*, Harding, D. (Ed.), Institute of Biology, London, pp. 1-2.
- Reiss, M.J. (1992) Should God get a mention in science teaching? *Christians in Science Education Newsletter*, **3**, 13.
- Reiss, M.J. (1992) Differentiated, flexible learning in science. *Education in Science*, **147**, 14.
- Reiss, M.J. (1992) Blood and circulation. In: *Flexible Learning for Balanced Science: Resources for Initial Teacher Training and INSET*, Peckett, J. & Reiss, M. (Eds), Department of Education, University of Cambridge, Cambridge & School of Education, Manchester Polytechnic, Manchester pp. 49-57.
- Reiss, M.J. (1992) Differentiated, flexible learning in science. *Eastern Region Teacher Education Consortium Newsletter*, **7**, 3.
- Reiss, M.J. (1992) Heat is work and work is pollution or is it? *Teaching Ecology Group Newsletter*, **12**, 15-16.
- Reiss, M.J. (1992) How should science teachers teach the relationship between science and religion? *School Science Review*, **74(267)**, 126-130.
- Reiss, M.J. (1992) What's the point of school sex education? *The AIDS Letter*, **33**, 1-3.
- Beardon, T. & Reiss, M. (1992) Exit criteria for initial teacher education. In: *What's IT all about? NCET Occasional Paper 8: Information Technology in Initial Teacher Training*, Whiteman, S. (Ed.), National Council for Educational Technology, Coventry, pp. 65-77.
- Harvey, I. & Reiss, M.J. (1987, 1988, 1990, 1992) *AIDSFacts: Educational Material on AIDS for Teachers and Students*, 1st edn, 2nd edn, 3rd edn, 4th edn, Cambridge Science Books, Cambridge; 3rd edn Cambridge Resource Packs, Cambridge; 4th edn Daniels Publishing, Cambridge.
- Peckett, J. & Reiss, M. (Eds) (1992) *Flexible Learning for Balanced Science: Resources for Initial Teacher Training and INSET*, Department of Education, University of Cambridge, Cambridge & School of Education, Manchester Polytechnic, Manchester.
- Reiss, M.J. & Beaney, N.J. (1992) Living organisms in secondary school science. *Biologist*, **39**, 106.
- Reiss, M.J. & Beaney, N.J. (1992) The use of living organisms in secondary school science. *Journal of Biological Education*, **26**, 63-66.
- Reiss, M.J. & Senior, K. (Eds) (1992) *The Search for Health: Medical Research in Action*, Hobsons, Cambridge.
- Tomkins, S.P., Reiss, M.J. & Morris, C. (1992) *Biology at Work*, Cambridge University Press, Cambridge. Three extracts published in a 1995 Japanese book titled *Readings in English – Life and Nature*.
- Beardon, T., Booth, M., Hargreaves, D. & Reiss, M. (1992) *School-led Initial Teacher Training: The Way Forward*, Department of Education, University of Cambridge, Cambridge. Extract published as Beardon, T., Booth, M., Hargreaves, D. & Reiss, M. (1995) School-led initial teacher training. In: *Issues in Mentoring*, Kerry, T. & Mayes, A.S. (Eds), Routledge, London, pp. 81-88.
- Ruddock, G. et al. (1992) *Teacher Assessment in Mathematics and Science at Key*

Stage 3, SEAC, London.

- Reiss, M.J. (1991) The use of animals for medical experiments: a theological perspective. *Humane Education Newsletter*, **2(1)**, 8-9.
- Reiss, M.J. (1991) Science (?) on stamps. *School Science Review*, **73(263)**, 139-140.
- Reiss, M.J. (1991) Cutting science down to size. *Offshoots*, **5(1)**, 3-5.
- Reiss, M.J. (1991) Greenpeace – making the news. *In Sight* **1(1)**, 6-9.
- Reiss, M.J. (1991) Journal of Biological Education: the first 50 years. *Journal of Biological Education*, **25**, 239-240.
- Beardon, T. & Reiss, M. (1991) Profiling in initial teacher training – a pilot study. *Science Teacher Education*, **2**, 4-5.
- Belcher, C. & Reiss, M.J. (1991) The use of living organisms in secondary school science. *Biologist*, **38**, 180 & insert.
- Herod, J. & Reiss, M.J. (1991) A-level Physics uptake. *Physics Education*, **26**, 330-331.
- Jennison, B. & Reiss, M.J. (1991) Does anyone know what energy is? *Journal of Biological Education*, **25**, 173-176.
- Woodhead, V. & Reiss, M. (1991) An investigation of the effect of body mass on resting heart rate in dogs. *Journal of Biological Education*, **25**, 33-36.
- Boohan, R.C. *et al.* (1991) *Making Sense of Data: The Nuffield Exploratory Data Skills Project*, Longman, Harlow.
- Reiss, M.J. (1990/91) Theological questions raised by current patterns of vocational training. *British Journal of Theological Education*, **4**, 27-38.
- Reiss, M.J. (1990) HIV infection and AIDS: the implications for health education. *International Schools Journal*, **19**, 80-83.
- Reiss, M.J. (1990) Homosexuality – sense and sensibility. *Crucible*, **29**, 66-74.
- Reiss, M.J. (1990) Whither multicultural science? *Journal of Biological Education*, **24**, 1-2.
- Reiss, M. (1990) Expenses for NSMs. *Newsletter among Ministers at Work and others concerned*, **33**, 7-9.
- Reiss, M.J. (1990) Last rites. *Chrysalis*, **July 1990**, 7.
- Reiss, M.J. (1990) Computer viruses. *School Science Review*, **72**, 65-68.
- Reiss, M.J. (1990) Size, growth and reproduction: the logic of allometry. *Evolutionary Theory*, **9**, 279-297.
- Reiss, M.J. (1990) The future of 16-19 education. *Journal of Biological Education*, **24**, 141-142.
- Reiss, M.J. (1990) AIDS: a challenge in education. *Journal of Biological Education*, **24**, 221-222.
- Beardon, T. & Reiss, M. (1990) A taste of things to come. *Times Educational Supplement*, **20 April 1990**, 21.
- Beardon, T. & Reiss, M. (1990) Profiling in initial teacher training – building the bridge. *Links*, **16**, 16-19.
- Harvey, I. & Reiss, M.J. (1988, 1990) *AIDSFACTS: Pack II*, Cambridge Science books, Cambridge. Update titled *The Biology of HIV and AIDS*, Cambridge Resource Packs, Cambridge.
- Harvey, I. & Reiss, M.J. (1988, 1990) *AIDSFACTS: Pack III*, Cambridge Science Books, Cambridge. Update titled *AIDS and HIV for Healthcare Professionals*, Cambridge Resource Packs, Cambridge.
- Overton, M. & Reiss, M. (1990) A survey of teachers' views on the transition to A-

- level Biology from GCSE. *Journal of Biological Education*, **24**, 100-102.
- Overton, M, Reiss, M. & Horton, P. (1990) A survey of teachers' views on the transition to "A" level biology from GCSE. *Offshoots*, **4(2)**, 2-3.
- Tunncliffe, H. (Author), Mason, W., Reiss, M. & Leighton, K (Eds) (1990) *Health and Fitness in Focus*, Hobsons, Cambridge.
- Reiss, M.J. (1989) *The Allometry of Growth and Reproduction*, Cambridge University Press, Cambridge.
- Reiss, M.J. (1989) Surface area to volume arguments in biology. *School Science Review*, **70**, 55-60.
- Reiss, M.J. (1989) Allometry and production. In: *Energy Transformations in Cells and Animals: Proceedings of the 10th Conference of the European Society for Comparative Physiology and Biochemistry*, Wieser, W. & Gnaiger, E. (Ed.), Georg Thieme Verlag, Stuttgart, pp. 270-276.
- Reiss, M.J. (1989) Measurement of the radius of the earth. *School Science Review*, **70**, 129.
- Reiss, M.J. (1989) Monitoring human blood pressure and pulse rate. *Journal of Biological Education*, **23**, 80-82.
- Reiss, M.J. (1989) Cardio-vascular training. *Bodytalk*, **4(6)**, 48-61.
- Reiss, M.J. (1989) A teacher teaching teachers. *Hills Road Journal*, **1**, 20-21.
- Reiss, M.J. (1989) Plant resource allocation. *Trends in Ecology and Evolution*, **4**, 379-380.
- Reiss, M.J. (1989) Anyone for teaching? *Cambridge*, **25**, 33-37.
- Reiss, M.J. (1989) Wheel clamps and mimicry. *Journal of Biological Education*, **23**, 261.
- Harvey, I. & Reiss, M.J. (1989) *Drugfacts*, Cambridge Resource Packs, Cambridge.
- Harvey, I. & Reiss, M.J. (1989) *Drugfacts Plus*, Cambridge Resource Packs, Cambridge.
- Harvey, I. & Reiss, M.J. (1989) *Cancerfacts Plus*, Cambridge Resource Packs, Cambridge.
- Horton, P. & Reiss, M.J. (1989) GCSE and A-level biology. *Biologist*, **36**, 195 & insert.
- Booth, M., Furlong, J., Hargreaves, D., Reiss, M. & Ruthven, K. (1989) *Teacher Supply and Teacher Quality: Solving the Coming Crisis*, Department of Education, University of Cambridge, Cambridge.
- Reiss, M.J. (1988) Body size and home range area. *Trends in Ecology and Evolution*, **3**, 85-86.
- Reiss, M.J. (1988) Altruism's evolution. *New Blackfriars*, **69**, 280-289.
- Reiss, M.J. (1988) Science teaching in the UK. *Nature*, **333**, 698.
- Reiss, M.J. (1988) SA/V ratios and gaseous exchange. *Journal of Biological Education*, **22**, 4.
- Reiss, M.J. (1988) Brown-eyed children may have blue-eyed parents. *School Science Review*, **69**, 742.
- Reiss, M.J. (1988) Biological research in schools. *Journal of Biological Education*, **22**, 158-159.
- Harvey, I. & Reiss, M.J. (1988) *Cancerfacts*, Cambridge Science Books, Cambridge.
- Ward-Booth, K. & Reiss, M.J. (1988) Organisms for teaching. *Artemia salina*: an easily cultured invertebrate ideally suited for ecological studies. *Journal of Biological Education*, **22**, 247-251. Reprinted in *Ecology Projects: Ideas and Practicals from the Journal of Biological Education*, Harding, D. (Ed.), Institute of Biology, London, pp. 144-148 (1992).

- Beaumont, P. *et al.* (1988) *AIDS Education: A Starter Pack for Schools*, AIDS Education Unit, Cambridge.
- Reiss, M.J. (1987) Evolutionary conflict over the control of offspring sex ratio. *Journal of theoretical Biology*, **125**, 25-39.
- Reiss, M.J. (1987) The intraspecific relationship of parental investment to female body weight. *Functional Ecology*, **1**, 105-107.
- Reiss, M.J. (1987) Calculating the number of rods and cones in the human eye. *School Science Review*, **69**, 71.
- Reiss, M.J. (1987) Weightlessness on planets of different sizes. *School Science Review*, **69**, 165.
- Reiss, M.J. (1987) Why can't large animals rely on diffusion for gaseous exchange? *Journal of Biological Education*, **21**, 97-98.
- Reiss, M.J. (1987) Epidemiology of AIDS: a reply. *British Ecological Society Bulletin*, **18**, 230-231.
- Reiss, M.J. (1987) The inheritance of height: environmental influence and polygenic effects. *Journal of Biological Education*, **21**, 159.
- Reiss, M.J. (1987) The statistical improbability of evolution. *Origins*, **1(2)**, 10-11.
- Reiss, M.J. (1987) Optimization theory in behavioural ecology. *Journal of Biological Education*, **21**, 241-247.
- Reiss, M.J. & Sants, H.K.A. (1987) *Behaviour and Social Organisation*, Cambridge University Press, Cambridge.
- Reiss, M.J. (1986) Sexual dimorphism in body size: are larger species more dimorphic? *Journal of theoretical Biology*, **121**, 163-172.
- Reiss, M.J. (1986) The efficiency of energy transfer in ecosystems. *School Science Review*, **68**, 271-272.
- Reiss, M.J. (1986) Darwin's finches. *Biblical Creation*, **8**, 67-68.
- Reiss, M.J. (1986) Belovsky's model of optimal moose size. *Journal of theoretical Biology*, **122**, 237-242.
- Reiss, M.J. (1986) Body size and metabolic rate: calculated exponents are independent of the units used. *Journal of theoretical Biology*, **123**, 125-126.
- Reiss, M.J. (1985) The allometry of reproduction: why larger species invest relatively less in their offspring. *Journal of theoretical Biology*, **113**, 529-544.
- Reiss, M.J. (1985) The unit of natural selection: groups, families, individuals or genes? *Journal of Biological Education*, **19**, 287-292.
- Reiss, M.J. (1984) Human sociobiology. *Zygon*, **19**, 117-140.
- Reiss, M.J. (1984) Courtship and reproduction in the three-spined stickleback. *Journal of Biological Education*, **18**, 197-200.
- Reiss, M.J. (1984) Kin selection, social grooming and the removal of ectoparasites: a theoretical investigation. *Primates*, **25**, 185-191.
- Reiss, M.J. (1983) Sociobiology: an introductory reading list. *Science & Religion Forum*, **4**, 35-44.
- Reiss, M.J. (1982) *Functional Aspects of Reproduction: Some Theoretical Considerations*, Ph.D. thesis, University of Cambridge.
- Reiss, M.J. (1982) Males bigger, females biggest. *New Scientist*, **96**, 226-229.
- Reiss, M.J. (1982) Human life support factors in Genesis One reconsidered. *Biblical*

*Creation*, **4(12)**, 36-37.