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General reading

For an introduction to learners' ideas in the 11-16 science curriculum

R. Driver, A. Squires, P. Rushworth & V. Wood-Robinson, *Making Sense of Secondary Science: research into children's ideas*, London: Routledge, 1994.

For a large set of Concept Cartoons suitable for eliciting alternative conceptions and encouraging discussion of scientific topics for students (particularly those up to age 14):

S. Naylor & B. Keogh, *Concept Cartoons in Science Education*, Sandbach, Cheshire: Millgate House Publishers, 2000.

For useful books about teaching chemistry 'constructively':

J. D. Heron, *The Chemistry Classroom: Formulae for Successful Teaching*, Washington, DC: American Chemical Society, 1996.

K. Ross, L. Lakin & P. Callaghan, *Teaching Secondary Science: Constructing Meaning and Developing Understanding*, London: David Fulton Publishers, 2000.

J. J. Mintzes, J. H, Wandersee & J. D. Novak, *Teaching Science for Understanding: A Human Constructivist View*, London: Academic Press, 1998.