

Learning Through Experimenting

By **Stuart Naylor and Brenda Keogh (UK)**

Brenda Keogh and Stuart Naylor have both worked as teachers in a wide range of educational settings from nursery to university. As well as providing INSET, they write extensively for pupils and teachers. Their current work on Concept Cartoons and Active Assessment is being used widely in science education in the UK and beyond. They are currently involved in a funded research project using puppets to teach science to pupils aged 7 to 11.

Activities During Labwork in Physics and Chemistry

By **Hélène Richoux (FR)**

Former physics and chemistry teacher and teacher trainer (initial and continuous training). At the same time, Hélène Richoux took part in pedagogical research at the National Institute for Pedagogical Research (INRP) and she has coordinated research projects in didactics (INRP, ICAR research group), particularly about the analysis of pupils' work during practicals. The results have been published (incl. in "Le Bup") and have led to a Cd-Rom for teacher training. It includes the tools devised to study the practicals, and the video-clips of pupils that were analysed.

Her presentation will be based on this work.

ICAR : Interactions, Corpus, Apprentissages, Représentations

UMR is supervised by : CNRS, ENS Lyon, ENS LSH, université Lyon 2 et INRP

Assessment of experimental activities in France

By **Marie Blanche Mauhourat**

Marie Blanche Mauhourat taught in general and technological upper secondary schools and in *classes préparatoires* (similar to first 2 years of university) for 18 years. She taught physics, chemistry and chemical engineering.

She has been a regional inspector for 7 years.

Concerning experimental activities, and together with groups of teachers, she prepares examination papers for the end of studies labwork exams.

Concerning assessment, she is leading a regional group devising tools in order to diversify assessment practices.

She is also involved in actions to promote experimental activities in schools, and to help improve assessment of these activities.