



Learning with vision

ACTIVision

“training tomorrow's teachers”

ACTIVision creates Virtual Teacher Training at The University of Nottingham

- High Quality, Multi-faceted, Teacher Training
- Significant developments in video-conferencing
- Exploring alternative dissemination procedures
- Promoting bilingual education



The University of Nottingham

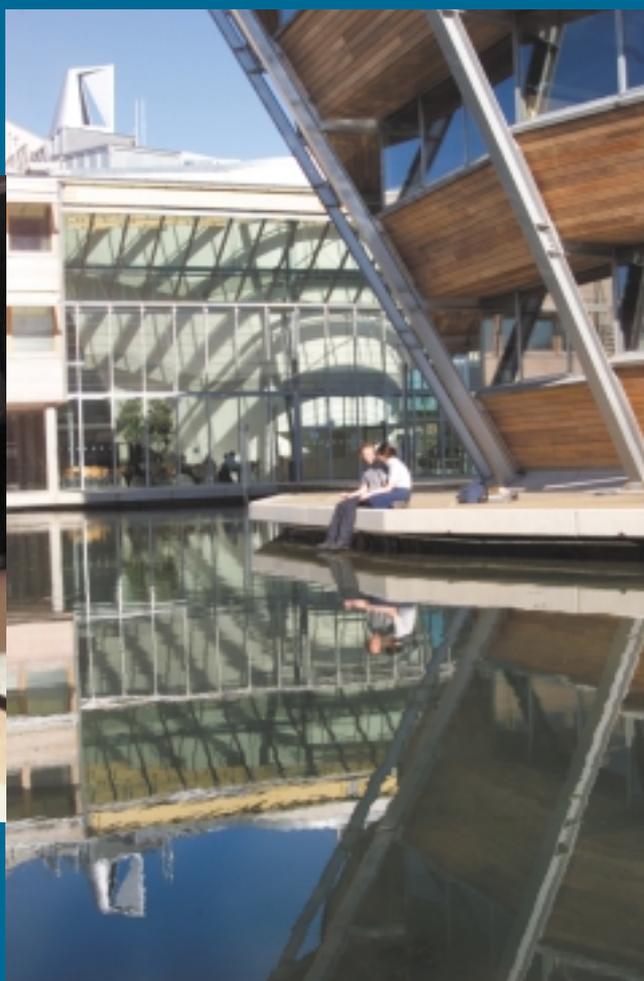


About the University of Nottingham and The Teaching Observatory:

Nottingham University's Education department is one of the largest in the country. They provide initial teacher training for over 300 secondary teachers each year and work with over 100 secondary schools in the Midlands. The Education Department has been awarded some excellent grades for its

teacher training by OFSTED and for its higher degree teaching by QAHE. The Centre for Research into Second and Foreign Language Pedagogy (CRSFP) is one of five research centres within the School of Education.

www.nottingham.ac.uk



Setting the Standards

The University of Nottingham with approximately 24000 students has a reputation for excellence in both teaching and research. The Education department at the University is one of the largest in the UK and since 1999 has been housed on a state-

of-the-art campus adjoining the new National Leadership College. The department was also awarded some excellent grades for its teacher training by OFSTED and for its higher degree teaching by QAHE.



Dr Do Coyle

Senior Lecturer in Modern Language Education and co-ordinator for the Centre for Research in Secondary and Foreign Language Pedagogy at Nottingham University.

both a research and teaching specialism in content and language integrated learning, within the field of bilingual education. Her guidance, along with Katie Goodman, has enabled Nottingham to become the only university, which currently offers PGCE teacher training courses in content and language integrated learning subjects. This involves learning to teach History, Geography or Science through the medium of French or German in secondary schools. This makes the university unique in offering both PGCE and higher degrees in this area.

Focused Leadership

Dr Coyle is one of the co-directors of the University's Centre for Research into Second and Foreign Language Pedagogy (CRSFP) with

Meeting the Needs

Through the development of courses in content and language integrated learning came the need for a comprehensive ICT package, which initially grew out of a plan to set up a Teaching Observatory. Nottingham University was introduced to Promethean in 1998 when one of their partner schools arranged for an ACTIVboard, interactive whiteboard, demonstration.

Dr Coyle says

“It was clear that Promethean were interested in the pedagogical applications of their products and wanted to support us in this venture. They have responded to our needs and surpassed our expectations, because they are genuinely interested in their products and their contribution of creating effective learning environments.”



Developing the Project

When the DfES announced their Training Schools Initiative based on the Green Paper the idea of combining interests in content and language integrated learning and ICT came to fruition. With the help of one of their partner schools, Hockerill Anglo-European College in Bishop's Stortford, the concept of the Teaching Observatory developed. Dr Bob Guthrie, Head teacher of Hockerill and Do Coyle involved Promethean very closely in their plans to set up a remote learning facility.

During the first year of the pilot project (2000-2001) the Observatory provided: -

- Training observations of modern language lessons and bilingual lessons
- Trainees teaching bilingual lessons remotely using ACTIVboard systems
- Tutors based at Nottingham observing trainees in classrooms at school sites
- Video conferencing school governor meetings

More recently the link has been used to make Video clips of the system for future training videos. Nottingham is setting up a 'clinic' scheme using ACTIVboards where trainee teachers, pupils and mentors can link up out-of-lesson time and discuss progress between them.



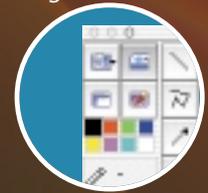
Equipping the Project

The School of Education at the University of Nottingham has implemented:

- **ACTIVboardPlus** – Promethean's award winning interactive whiteboard systems, to allow sharing and displaying of shared data, which can be edited by either location.



- **ACTIVstudio** – Promethean's intuitive annotation software package.



- **ACTIVision** – Promethean's comprehensive classroom video-conferencing package, which enables live links between trainee teachers and students. The system uses ceiling mounted microphones and wall mounted panning and tilting cameras. ACTIVision also enables both sites to view the same data on the ACTIVboards and show editing simultaneously for each group.



Learning with Vision

EQUIPPING THE PROJECT

Moving Forward

Over the next few years, as additional schools join the network, Nottingham intend to expand their Teaching Observatory into European countries. The use of the Teaching Observatory is being monitored by the Psychology Department who are interested in the human applications of using the technology (e.g. eye contact). It is growing nicely into an important concept which is continuing to develop and is already provoking international interest.

Stephen Jury, Managing Director of Promethean, says,

“We are fully supportive of Nottingham University’s work in the field of improving pedagogical learning and training through the medium of ICT. It is becoming a fundamental part of education. The Teaching Observatory sites are using our award winning ACTIVboard, interactive whiteboard systems, which when coupled with ACTIVision, Promethean’s videoconferencing range, enables full use of ICT technology. It is very exciting to be involved in providing such advanced, comprehensive training for tomorrow’s teachers.”



Hockerill Anglo-European College

Hockerill College

Hockerill is the only bilingual state school in Britain and offers pupils a multicultural, multilingual education. It has over 700 pupils and has recently become a training college for bilingual teachers. The model of a modern,

European school, all students are encouraged to study at least one foreign language and the work of the French/English section has been internationally acclaimed. Students’ study for the International Baccalaureate in the sixth form and the college is regarded as one of the leaders in bilingual education and features prominently in national and European publications

Both Head teacher Dr Bob Guthrie and Mike Ullman the Head of Languages are firm believers in video conferencing.



Dr Bob Guthrie

“The project with Nottingham University has helped staff immensely, the pupils like being involved and the school has obtained useful feedback from the system. We have used it to observe trainee teachers, hold Governors and staff meetings. Exemplar lessons have been held in the Video Conferencing suite and the German and French ambassadors have used the technology”.

www.hockerill.herts.sch.uk

“About Promethean”

Promethean is dedicated to the development and supply of ICT solutions as teaching tools in the classroom to accelerate learning gains across the whole curriculum.

Promethean systems create an interactive teaching environment that enables multimedia delivery to whole groups.

A UK manufacturer, Promethean offers full installation, full system training, hot-line support

by telephone and e-mail, in-field support and repair. We provide the complete solution to education, distance and flexible learning, collaborative working and training.

Solutions include:

ACTIVboard Interactive Whiteboards, ACTIVstudio multimedia software and ACTIVision video-conferencing systems.

Wide format displays for data and video and all encompassing solutions for presentations.



Inspiring Good Practice



For information and advice on all your Video Conferencing needs contact:

PROMETHEAN

telephone: + 44 (0) 870 2413194

email: info@promethean.co.uk

web: www.promethean.co.uk

Promethean Limited

Lower Philips Rd, Blackburn, Lancs, BB1 5TH