

Using a State-of-the-Art Digital Video Database for Research and Development in Teacher Education

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Informedia Digital Video Library

The *Informedia* digital library







Pathway has created a prototype digital library for physics teaching. More than a collection of materials, Pathway technology with pedagogical advances developed at Kansas State University and with materials contributed by teachers.

The system provides contemporary ideas about the teaching Continuously improving virtual assistance and expertise on issues of pedagogy and content can benefit teachers and

pedagogy and high quality content.

evaluation on its effectiveness. The research effort will focus on the value of contemporary technology to address the continuing education of teachers who are working in a field in which they may not have been trained.



Synthetic Interviews

Synthetic Interviews provide the teacher with an interface that is very similar to conversing with an expert. The video and other information are stored in a database and are presented when a







The Informedia physics database contains a large number of digital video scenes that have been created during the past 20 years for physics instruction.



Four teachers - Paul G. Hewitt, Leroy Salary, Charles Lang & Roberta Lang – provide expert advice through the Synthetic Interview. Additional teachers will be added soon.



