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It's the Method that Counts: Using Case Studies and Problem-based Learning to Teach Science and other Disciplines

CASE STUDY TEACHING DVD_s FROM A WORKSHOP FOR EDUCATORS; FUNDED BY THE ONTARIO MINISTRY OF EDUCATION KNAER GRANT

The Laurentian University School of Education received a KNAER grant from the Ontario Ministry of Education to host workshops on using case studies and problem-based learning to teach in science and other disciplines. We invited Dr. Clyde Freeman Herreid, a specialist in using case studies in science from the University of New York at Buffalo who conducted two workshops for high school science teachers, university professors, college faculty, graduate students and pre-service teachers in Northern Ontario. The workshops introduced the participants to designing and using case studies. On behalf of the Ontario Ministry of Education KNAER grant, we are sending you a DVD from the workshop, the case study examples used in the workshop and an overview of the DVD.

Case studies and Problem based learning are powerful teaching techniques. These methods can be used not only to teach concepts, but also to develop process and critical thinking skills among students. Case studies and Problem-based learning have been used in medicine, law and business schools and more recently adoption of case studies and Problem-based learning strategies have expanded into elementary schools, middle schools, high schools, universities and professional schools. The use of case studies makes the content more relevant to real life. We hope you will find these resources to be useful professional development tools for teachers in your school board, especially those who teach high school sciences.

These videos and other case study teaching resources can also be found on the Laurentian University School of Education website. Please feel free to link this page to your website.

http://www.laurentian.ca/Laurentian/Home/Departments/School+of+Education+English/Research/CS_and_PBL_Post-Workshop.htm?Laurentian_Lang=en-CA



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