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AUDIO VISUAL RESOURCES

1. . Problem based learning.
[1 videocassette (14 min.) (VHS : PAL): sd., col. ; 1/2 in.].
Singapore : Temasek Polytechnic, C-MET, [2000].
- Discusses what PBL is, how to go about approaching the PBL process and the lecturer's role in PBL. Also discusses the future direction of the Temasek Centre for PBL.
LB1027.42 Pro (Level 4, Learning Resource Centre)

2. . Problem based learning in the tutorial group.
[1 videocassette (36 min.): sd., col.; 1/2 in.]
Maastricht, Netherlands: Maastricht University, Dept of Educational Development and Research, 1991.
- Presents a tutorial group working on a problem according to the principles of problem-based education. Gives useful information on 'De Zevensprong' (the Seven Jumps), the method used at Maastricht University to tackle problems in the tutorial group.
R834 Pro (Level 4, Learning Resource Centre)

3. . Quality PBL starts here.
[1 computer optical disc : sd., col. ; 4 3/4 in.]
Singapore : Temasek Polytechnic, Temasek Centre for Problem-Based Learning, c2001.
- Temasek Polytechnic provides students with a platform to generate, solve problems and face the challenges in today's changing landscape. Students are involved in self-directed learning as they solve complex, real world problems. This platform is the education philosophy and strategic approach called problem-based learning.
LB1027.42 Qua (Level 4, Learning Resource Centre)

4. . The tasks of the tutor in the report phase.
[1 videocassette (20 min.): sd., col.; 1/2 in.]
Faculty of Medicine of the University of Limburg; developed by W. de Grave, G. Majoor.
Maastricht, Netherlands: Maastricht University, Dept. of Educational Development and Research, 1993.
- In a tutorial group, the tutor must guide the students in such a way that there is an efficient and effective learning process. This program discusses the tasks of the tutor illustrated in the tutorial group observed in the report phase.
R834 Tas (Level 4, Learning Resource Centre)

5. _____. The tutorial process in problem based learning.
[2 videocassettes (89 min.): sd., col.; 1/2 in. + 1 booklet 17p.]
Springfield, Ill.: Southern Illinois University, Board of Trustees, c1991.
- Describes the skills required of the tutor in problem-based, self-directed learning with a small student group. Initially, the tutor must actively coach the students in their thinking until they incorporate these behaviors themselves as they tackle new problems. Then, the tutor withdraw slowly from the process to make an occasional comment as needed to keep their approach and thinking on track.
LB2396 Tut (Level 4, Learning Resource Centre)

ONLINE & WEB-BASED RESOURCES

A. EBSCOhost

EBSCOhost is a web-based search and retrieval system that provides easy access for TP staff and students to abstract or full-text articles from a wide collection of magazines and journals.

Access EBSCOhost via TP Library home page

@ <http://www.tp.edu.sg/Library>

To find information on “problem based learning”, select “Academic Search Premier”, “Professional Development Collection” and “ERIC” databases.

ERIC database is a rich source of citation & abstract information from over 980 educational journals & related documents from the international repository at US Department of Education Educational Resource Information Center and educational symposium report literature dating back to 1967. *Academic Search Premier* provides full-text for nearly 3,180 scholarly publications with journals covering areas such as education, dating back to 1990. *Professional Development Collection* is a specialised collection of more than 400 full-text journals, designed for professional educators.

B. World Wide Web

Suggested web sites which include information on the institution/centre’s PBL programs and also good directory links to other PBL websites and resource lists.

California State University: CSU (US). Faculty Development Institute.

Distributed Course Delivery for Problem Based Learning. Outlines variety of emerging media to deliver and manage university courses using PBL strategies.

<http://edweb.sdsu.edu/clrit/home.html>

Illinois Mathematics & Science Academy: IMSA (US). Center for Problem-Based Learning

Emphasis on PBL research, information exchange, teacher training & curriculum development. Check out “Who is working with PBL?”

<http://www.imsa.edu/team/cpbl/center.html>

Maricopa Community College (Arizona, US). Maricopa Centre for Learning & Instruction

Features PBL Resource Archive searchable for web & print references (search under “higher education” for key PBL sites worldwide).

<http://www.mcli.dist.maricopa.edu/pbl/index.html>

McMaster University (Canada)

Wealth of information about what PBL is and how best to succeed with it, from an expert in the field of problem-solving, Don Woods. Follow links to McMaster's PBL implementations with chemical engineering, medicine, social sciences.

<http://www.mcmaster.ca/learning/resources/pbl.htm>

Monash University (Melbourne, Australia)

Gives an overview on what is PBL, Problem Solving Strategy, Mindmaps and The Six Thinking Hats.

<http://cleo.eng.monash.edu.au/teaching/subjects/learning/strategy/psmap.html>

Ohio State University (US). Health Sciences Centre

Details tutorial process, student evaluation and curriculum for PBL in medical, humanities and behavioural sciences.

<http://www.med.ohio-state.edu/PBL/>

Problem-Based Learning Resource (PBLR)

This interactive website offers both novices and experts opportunities for inquiry and discussion in a variety of problem-based learning forums. It has been designed for instructors in all educational and training areas interested in learning more about PBL, designing PBL curricula & improving their PBL offerings.

<http://www.pblresource.com>

Queen's University (Canada). School of Medicine PBL Home Page

Features PBL Handbook in downloadable version, plus abstracts, references and links to PBL implementations, with medical & health sciences emphasis.

<http://meds.queensu.ca/medicine/pbl/pblhome.htm>

Samford University (US). Centre for Problem-Based Learning Research & Communications

Site for research & information on PBL in undergraduate education, including a PBL Database of practitioners (searchable by country, type & institution) & PBL ListServes

<http://www.samford.edu/pbl>

Universiteit Maastricht (Netherlands)

Access full-text PBL literature, links to discussion lists and case studies. Follow "Links" to alphabetic list of institutions

<http://www.unimaas.nl/PBL>

University of Delaware (US)

Features numerous PBL articles plus sample problems, courses & syllabi as used in biology, chemistry, physics and others.

<http://www.udel.edu/pbl>

University of Hong Kong. Hong Kong Centre for Problem-Based Learning

Information on Asia-Pacific regional developments in PBL across all areas of education, including regional conferences, institutes and specific information on PBL in Hong Kong.

<http://www.hku.hk/pblhk>

University of Newcastle (Australia). Problem Based Learning Assessment & Research Centre

Established since 1987 as a centre of excellence in PBL, PROBLARC plays an active role in development of problem-based programs within universities in Australia and overseas.

<http://www.newcastle.edu.au/centre/problarc/>

C. TP campus - PBL information, advice & training

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Find out more about the 2nd Asia-Pacific Conference on Problem-Based Learning @

<http://www.tp.edu.sg/pblconference>