

Problem Based Learning

Characteristics

- Active Learning
- Learner Centered
- Learning Through Discovery
- Group or Team Based
- In Design – could be a Charrette
- Outgrowth of Case Based Learning
- Some push to Inquiry Based Learning

Steps in the Process

- Exploring the problem or situation
- Identifying:
 - what you already know, and
 - knowledge gaps
- planning learning
 - Needs
 - Goals
 - Resources
 - Tasks
- Individual or group self-study
- Sharing new knowledge and applying it to the situation
- Assessing the new knowledge, its application, and the learning process.

Resources

- McMasters University:
<http://chemeng.mcmaster.ca/pbl/pbl.htm>
- Queens University: <http://meds.queensu.ca/pbl/home>
- Illinois Mathematics and Science Foundation:
<http://pbln.imsa.edu>
- University of Delaware: <http://www.udel.edu/pbl>