Problem Based Learning
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What do these have in common?
Problem-Based Learning:
Using real-life problems to accelerate learning

What we want to accomplish:
Demonstrate how to use real-life problems to accelerate & deepen learning, using the method of Problem-Based Learning

You do it
Jigsaw
Do you have previous experience facilitating PBL?

Ask the question?
Have you taken a course that used PBL?
I hear & I forget.
I see & I remember.
I do & I understand.

Chinese Proverb
## PBL Cycle

1. What's the core problem?
2. What do we need to know to solve the problem?
3. How will we learn what we need to know to solve the problem?
4. We go gather information
5. Participants come back and
   - present & discuss what they learned
   - integrate the new information & determine best solution to problem
6. Participants proceed to next part of problem when satisfied they have met learning objectives they set for themselves.
7. Debrief the problem & the group process
What is your role?

1. Discussion leader
2. Scribe
3. Reporter
4. Skeptic
   - Can play devil's advocate.
   - Can question whether we really know what we say we do, or how we could find out if something is accurate.
Your Turn
You are an executive with a company that is taking a product global for the first time. You just found out that you will have a presentation meeting with a group of executives from Tokyo, Japan. This is their first time dealing with a firm in the United States and you want to make sure that they are comfortable with you and therefore more likely to do business.

You have made similar presentations to North American groups in the past. Now how will you prepare for this meeting?
1. What are the possible issues? What events do you anticipate during the course that call for accommodation on your part and what do you need to do differently?

2. What would be useful to know about this specific learner population and how would that information help you to determine how to more effectively collaborate and reach your goals?

3. What would you like to review and learn about the course content to help you plan? (These are learning and/or teaching issues)

4. What is/are the core problem(s)?
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<th>PBL Cycle</th>
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PBL has objectives

- Mastery of the content
- Developing critical thinking skills
- Developing life-long learning skills
  - Identifying what we know & do not know
  - Locating sources of information
  - Organizing bodies of information
- Collaboration, communication & team-building skills
“The capacity to ask fresh questions in conditions of ignorance, risk, and confusion, when nobody knows what to do next” is at the heart of great leadership.

PBL Cycle

- Presented with a problem
- What do you know?
- What you need to know?
- Where can you find the information?
- Generate solutions
  - discuss
  - determine best solution to problem
- Present solution & debrief

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In what ways are you creative?
The new frontier