Problem-Based Learning Lab Overview

I. Formation of Groups: Human Graph-Knowledge of ______

II. Role Assignments: Beginning with the Materials Manager, all roles are assigned to the right (clockwise).
   Materials Manager/ Encourager: ____________________________
   Checker/Timekeeper: ____________________________
   Data Recorder: ____________________________
   Observer: ____________________________
   Reporter/ Traveler (Spy): ____________________________

III. Task: Your Team will be charged with conducting careful testing of ....
   You will accomplish the task by working collaboratively. You will then work together to create a poster that will describe your engineering design process for . . .

IV. Time Limit: 60+ minutes

V. Social Skills and or Habits of Mind to Engage/Assess: Attentive Listening; Disagree with Idea --Not the Person; Flexibility in Thinking; Perseverance; Team Work

VI Level of Voice: Classroom Level 3 – Normal Voice Table Talk

VII. Processing--Questions for team and individual reflection:

VIII. Assessment of Cooperation/Collaboration:
   Self-Assessment of Collaborative Activity Performance and Learning
   Rate Your Mates
   Imagination, Application of Science and the Engineering Process

VIII. Encouraging Energizer: Varied: Team selected

Adapted from Blueprints for Learning in the Cooperative Classroom. Bellanca and Fogarty