

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