



Problem Based Learning (PBL): Performance Indicator Brainstorm Sheet

Performance indicators help measure student performance outcomes and products comparable to measuring deliverables performed on a job site. They also help measure student progress in developing problem solving skills. Problem-based learning (PBL) uncovers a range of solutions (not just one solution) within a range of constraints (feasibility, practicality, time, etc.). The PBL learning process allows students to problem-solve and look for solutions that may be outside the original scope of the problem. This worksheet will help you create performance indicators to measure student performance in both project deliverables and the problem solving process. We recommend you fill out this worksheet before developing a performance indicator rubric (see separate worksheet) to assess student performance for your scenario.

Most Important Knowledge/Skills Areas to Address in this PBL (check areas that apply)		Specific Knowledge & Skills you Want Students to Learn (please describe)	Observable Behaviors (behavioral performance indicators) Students will be able to engage in [describe quality] [describe performance]	Work Products (tangible performance indicator deliverables) Students will produce [Describe products]	Documenting PBL Process (How will students document their learning and how will you assess their progress – <i>examples in italics</i>)
<input type="checkbox"/>	Framing a problem				-Need to Know Board
<input type="checkbox"/>	Research and analysis				-Development of resource list for research
<input type="checkbox"/>	Generating a product				-Group Proposal - Final report
<input type="checkbox"/>	Applying tools				

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	Making inferences and reaching conclusions				<i>-Reflection questions and assignments</i>
	Teamwork				
	Presentation and communication				<i>-Preliminary group report - Final presentation</i>
	Project Management				
	Other (describe)				

BEST Center Curricula, Resources & Recordings

Academic Programs

Georgia Piedmont Technical College - Building Automation Systems

Milwaukee Area Technical College - Sustainable Facilities Operations

Laney College - Commercial HVAC Systems

City College San Francisco - Commercial Building Energy Analysis & Audits

Professional Development Materials, Presentations & Videos

National Institutes

Building Automation Systems Instructor Workshops

Webinars (e.g., BEST Talks)

Faculty Profile Videos

Reports & Case Studies

Marketing Resources

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