



Teaching for Success®

Faculty Success Center

QuickTool 9.4

4. Problem Resolution or Solution: Example: Greenhouse gas reduction, biological uptake of greenhouse gases, chemical uptake of greenhouse gases, mechanical uptake of greenhouse gases.

5. Experimental Confirmation: Example: Design controlled experiment to show that an approach to the problem is feasible, provide expected results to confirm or reject the approach.

6. Problem Evaluation: Example, Design a way to measure the feasibility of a proposed approach.

References

- The Power of Problem-Based Learning, A Practical "How To" For Teaching Undergraduate Courses in Any Discipline*, edited by Barbara Duch, Susan Gron, and Deborah Allen, Stylus Publishing, LLC (2001), 256 pages
- Chronicle of Higher Education Reading List (4/3/2001): A Practical Guide to Problem-Based Learning*
- Exploring Quantity Food Production and Service through Problems*, 2nd ed. Elizabeth Lieux and Patricia Luoto, Prentice Hall (2000), 134 pages, ISBN 0-13-083534-X, paper, \$26
- Thinking Toward Solutions: Problem-Based Learning Activities for General Biology*, Deborah Allen and Barbara Duch, Harcourt College Publishing (1998). ISBN 0-03-025033-1, paperback, 136 pp., \$28