PRESENTATION OUTLINE

1. What do we mean by Systems Thinking?
2. What was our teaching goal?
3. College success level (30%); Business success level (20%); High School success level (40%)
4. Retention History?
5. Reason for teaching Systems Thinking in Middle School – Expected Results (50%)?
6. Introduction to Modeling using Stella (Personal Laptop Computers for the class)
7. Selected method for introduction of Stella to students (What were they were given and Why?)
8. Why Stella and what other options should be added?
9. Failure associated with teaching modeling
10. Student focus and problems with modeling
11. Associated reading to implement ideas
12. Discussion issues and student interest in proposing problems
13. Church example and student learning that resulted from the problem.
14. The Garden (planning – implementation – community service)
15. Can the garden be used at multiple levels of education?
16. Technical needs for the garden – failure potential
17. Measurement of critical factors for the garden (What are the critical factors?)
18. The Garden model (How to build and how to use)
19. Student learning evaluation based on thinking creatively
20. New student reading requirements
21. New student studying requirements
22. Proposed solutions and changes in education