

## SSWIMS Yr. 4 Program and Your Teaching Plan

### **GUIDELINES FOR DEVELOPING YOUR WRITTEN TEACHING PLAN AND ORAL REPORT**

#### **Implementation/Teaching Plan**

The purpose of your written report, which may be prepared individually or with other SSWIMS teachers at your school or other schools within your elementary-secondary complex, involves developing a specific instructional plan for your classroom. (Please talk to Sid if you plan to include more than one other teacher). Your written plan should describe an instructional “unit,” semester, or a year of SSWIMS thematic instruction, prepared in an outline format. Oral presentations of each plan will be made by SSWIMS teachers at one of our last meetings. January 25, 2003 is scheduled as a workshop day at UCLA designed to help you prepare your plan. **Please submit one copy of your initial written plan to Sid at Monterey.** This copy will be returned to you with comments. Submit one copy of your final plan to Sid at the presentation meeting on Saturday, April 12, 2003. We will keep this copy. Print a second copy for your own use.

#### **The following identifies specific items for inclusion in your teaching plan:**

1. What are your teaching (program) objectives regarding a thematic marine science (SSWIMS) approach? How will your approach meet the instructional needs of your school?
  2. Which key science concepts (referring to the Science Content Standards and your District Science Standards) will be emphasized? National Science Standards are also a consideration.
  3. What specific type of motivation and experiential and investigative lessons/teaching units will be included? What kind of students will you be impacting (low, average, high achievers, Bilingual, E.S.L., under-represented minority students, etc.)?
  4. How will you schedule your program approach (school calendar, daily program, length of science lessons, etc.)?
  5. Do you envision any classroom or field science research type activities for your students? If so, how will this be accomplished?
  6. What type of science materials/equipment do you plan to use?
  7. How will you evaluate the effectiveness of your program?
  8. What are the lesson extensions and applications?
  9. As a culmination activity, what type of summative projects or presentation involving students will be included?
  10. Do you plan to cooperate with other teachers (within your school or at other schools) to carry out the program?
  11. The dissemination of SSWIMS is a priority of the program. Do you envision involving other teachers, within your school or at other schools, in learning about teaching the SSWIMS approach? How will you accomplish this?
  12. Additional ideas for your teaching plan:
- 
-

## **ORAL PRESENTATIONS**

You will present your plan on April 12, 2003 individually, with other SSWIMS teachers at your school, or in cooperation with other SSWIMS teachers in your school district complex. **Please talk to Sid if you plan to involve more than one other teacher.** The purpose of the oral presentations is to share innovative ideas with your SSWIMS colleagues and receive input relative to the plan.

1. The oral presentation should be well organized, concise and take 5-15 minutes depending upon the number of teachers involved.
2. Media materials and charts may be used. A slide projector and overhead projector are available for the presentation. Duplicated print materials for distribution during the presentation are your decision and the presenter's responsibility.
3. Present a very brief description (no longer than a few minutes) of your school and complex setting regarding socioeconomic setting, ethnic composition, current science instructional approach, specific needs for improving the program, etc.
4. Be as creative as you would like for the oral presentation.
5. Cover the main items in your written teaching plan.
6. Allow a few minutes for your SSWIMS colleagues to react and ask questions.
7. Allow time for prolonged applause, recognizing your excellent work!

**ANALYSIS OF TEACHING PLANS SUBMITTED BY SSWIMS TEACHERS**  
**SSWIMS Yr. 4**

Dear SSWIMS Teachers: This page is for your information. It represents the evaluation form used by SSWIMS staff to summarize the overall quality of the teaching plans. A summary is provided to the National Science Foundation.

**Plan Title:** \_\_\_\_\_

**Grade Level:** \_\_\_\_\_

To what extent does the teaching plan:

1. Identify State, District, and National Standards  
None ( ) Somewhat ( ) In-depth ( )
2. Identify science concepts  
None ( ) Somewhat ( ) In-depth ( )
3. State science objectives  
None ( ) Somewhat ( ) In-depth ( )
4. Emphasize a thematic approach  
None ( ) Somewhat ( ) In-depth ( )
5. Emphasize an integrative science approach  
None ( ) Somewhat ( ) In-depth ( )
6. Identify specific lessons over time (unit of study, semester or years program)  
None ( ) Somewhat ( ) In-depth ( )
7. Reflect problem solving, inquiry-based approach  
Fair ( ) Average ( ) Excellence ( )
8. Identify assessment practices  
None \_\_\_\_\_ Type \_\_\_\_\_
9. Identify lesson extensions and applications  
None ( ) Somewhat ( ) In-depth ( )
10. Request summative statements or presentations from students regarding their learning's
11. Overall, what grade represents teaching plan quality  
A ( ) B ( ) C ( ) D ( ) F ( )

12. Comments:

---

---