

Teacher Logs

Teacher _____

Grade Level _____

Background Information (Complete one)

1. Please indicate the number of students in this class who are in the following race/ethnic categories:

American Indian or Alaskan Native _____ %

Asian or Pacific Islander _____ %

Black, Non-Hispanic _____ %

Hispanic _____ %

White, Non-Hispanic _____ %

Total = 100%

2. How many Limited English Proficiency or English as a second language students are in the class?

_____ Number of LEP students _____ Number of ESL students

3. What is the total number of students in the class? _____ Total students

4. Which of the following best describes the ability level of the students? (*Circle One.*)

Fairly homogeneous and low in ability 1

Fairly homogeneous and average in ability 2

Fairly homogeneous and high in ability 3

Heterogeneous, with a mixture of two or more abilities 4

5. How often do you teach science each week (including science integrated with other

subjects)? _____ Minutes

6. How would you characterize your school (e.g., highly innovative, traditional) and/or does it have a specific philosophy (e.g. involves parents in some special or unique way) and/or is it engaged in a reform effort (e.g., developing a new curriculum)?

Daily Logs Number of students _____ Date

1. List the 2-3 intended outcomes, or state the general purpose of the lesson.

2. Approximately how many minutes (throughout the day) were spent on activities directly related to the lesson? _____ Minutes

3. What is the overall context of the lesson, e.g. is it part of a unit or long-term project, and if so, is the lesson at the beginning of the unit or project, near the middle?

4. Indicate the name of each content topic or activity (see instructions) covered in this lesson in the spaces; circle each emphasis that applies. (If more than three topics were covered, indicate the three that were most important.)

(Circle all that apply for each topic.)

Topic 1 _____

Topic 2

Topic 3 _____

<u>Emphasis</u>	<u>Topic 1</u>	<u>Topic 2</u>
	<u>Topic 3</u>	
Learn facts or definitions	1 3	2
Understand science concepts or principles	1 3	2
Learn real-world applications of science	1 3	2
Follow a written procedure to do an investigation	1 3	2
Design experiments to answer question(s)	1 3	2
Collect data (e.g., observe, measure)	1 3	2
Interpret data (e.g., compare, estimate, recognize patterns)	1 3	2
Engage in thinking skills (e.g., predict, infer, evaluate)	1 3	2
Develop skills in working collaboratively	1 3	2
Develop communication skills (e.g., writing, giving presentations)	1 3	2
Work on a long-term project that incorporates many of the above	1 3	2

5. Describe below how you introduced the lesson, then circle all that apply to the overall emphasis of the introduction .

Description:
(Circle all that apply.)

Introduction emphasis:

Provide overview

1

Explain activity

previous lessons/activities

activity

6. What modes of instruction were used during this lesson?
students engage in during this lesson?

(Circle all that apply.)

apply.)

Lecture 1

Teacher demonstration 2

Recitation/drill/practice 3

practice problems in class 2

Correct or review homework 4

Whole class discussion 5

Students working in pairs/teams/small groups 6

Students working independently 7

Students engage in out-of-class activities (including fieldwork) 8

Other (please specify) _____

2

Relate this lesson/activity to

3

Provide rationale for doing the

4

Assess prior knowledge

5

Other (please specify)

7. What activities did

(Circle all that

Listen and take notes

1

Complete worksheets or do

Write in journals or logs

3

Take a test/quiz/exam

4

Read a textbook in class

5

Laboratory or hands-on activity

6

Work on computer

7

Other (please specify)

8. What assessment strategy(ies) did you use during this lesson, use during this lesson?

if any? (*Circle all that apply.*)

- | | |
|--|---|
| Multiple-choice/short answer test or quiz | 1 |
| Essay/type test or quiz | 2 |
| Discussion or recitation responses (participation) | 3 |
| Observation of group work (implements, instruments) | 4 |
| Oral reports or presentation of students' work (equipment) | 5 |
| Journal or log entries (strips, videos) | 6 |
| Homework assignments | 7 |
| Observing students' skills in lab work or hands-on activities made test sheets | 8 |
| Other (please specify) _____ | |

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9. What materials did you

(*Circle all that*

- | | |
|---------------------------------|---|
| Assigned textbook for the class | 1 |
| Other textbook | 2 |
| Workbook or worksheets | 3 |
| Laboratory equipment | 4 |
| Manipulatives (hands-on | 5 |
| Audio-visual (films, film | 6 |
| Computers | 7 |
| Test manual or commercially | 8 |
| Other (please specify) | |

Post-Lesson Reflections (Complete one after completing XX logs)

1. If you were to teach this sequence of lessons again, what would you do differently, if anything? Why or why not?

