DIRECTIONS

Spring, 1988

These questionnaires refer to courses that you taught during the LAST SCHOOL YEAR (ending in Spring, 1988). Your name, the course titles and periods were provided to us by the students in your school who are participating in the LSAY.

Each questionnaire should take no more than 10 or 15 minutes to complete. If you have received more than one questionnaire in this package, it is likely that two or more of the questionnaires refer to classes that were essentially identical in terms of the kinds of students enrolled and the topics covered. If this is the case, please complete only one questionnaire for the set of identical classes. For the questionnaires that duplicate the one you have completed, please (1) write across the top of the front page "SAME AS HOUR __" where the blank is filled in with the hour of the class for which you completed a form, and (2) write in the number of students (male and female) enrolled in the class in the space provided on page one of the questionnaire.

We do not ask that you provide exact counts of individual students or even highly specific descriptions of each course. What we want to be able to describe is the range of emphases and activities students experience in different classes and your general impressions of the students' interests and expectations.

LONGITUDINAL STUDY OF AMERICAN YOUTH

Science Class Questionnaire

Questionnaire for:

Written in below is one of the science classes you are teaching this year. If the description of this course is incorrect, please make the appropriate changes.

PERIOD:	COURSE TITLE:

ALL OF THE FOLLOWING QUESTIONS WILL REFER TO THIS SPECIFIC CLASS.

Are students in your school grouped by ability or prior achievement (either as a result of student choice or school policy) in the 7th grade science program? (CHECK ONE)

YES		**Please answer the questions in this block**	**NO**		**Go to the next question block**

How many different levels are there in the science program?	levels
At what level is the class covered by this questionnaire?	level

What textbook/program do you use in this class? (PLEASE PRINT)

Title:
Author(s):
Publisher:
Most recent copyright date:

What percentage of the textbook will you cover this year?	percent

About how much classroom time do you spend on each of the following with this class during a typical week?

(CIRCLE ONE RESPONSE ON EACH LINE)	None	30 min.	1 hr.	2 hrs.	More than 3 hrs.
Lecturing to the class	1	2	3	4	5
Leading discussions	1	2	3	4	5
Student work in small groups or laboratory	1	2	3	4	5
Having students do seatwork on homework, workbook, or text assignments	1	2	3	4	5
Providing individualized instruction	1	2	3	4	5
Having students use teaching machines or computer-assisted instruction	1	2	3	4	5

Overall, what percentage of your classroom time is spent in each of the following: (WRITE PERCENT ON EACH LINE)

Daily routines (such as set up, clean up, passing out materials, taking attendance, announcements, breaks)		percent
Getting students to behave		percent
Presenting new material		percent
Review or student practice of skills		percent
Testing or other forms of evaluation		percent
TOTAL	100%	percent

Thinking about your plans for this science class for the entire semester, how much emphasis will each of the following objectives receive?

(CIRCLE ONE RESPONSE ON EACH LINE)	None	Minor emphasis	Moderate emphasis	Heavy emphasis
Increase students' interest in science	1	2	3	4
Teach science facts and principles	1	2	3	4
Teach experimental logic and design	1	2	3	4
Prepare students for further study in science	1	2	3	4
Develop problem solving/inquiry skills	1	2	3	4
Develop skill in lab techniques	1	2	3	4
Increase awareness of importance of science in daily life	1	2	3	4
Develop systematic observation skills	1	2	3	4
Teach applications of mathematics in science	1	2	3	4
Learning biographies of scientists	1	2	3	4
Learning about women in science	1	2	3	4
Learning about applications of science to environmental issues	1	2	3	4
Develop scientific writing skills	1	2	3	4

How often do you do each of the following activities in this class? (CIRCLE ONE ON EACH LINE)	Every Day	Almost Every Day	Once a Week	Once a Month	Very Rarely
Go on field trips	1	2	3	4	5
Show films, filmstrips, or videotapes	1	2	3	4	5
Have students do an experiment or systematic observation in class	1	2	3	4	5
Demonstrate an experiment or lead students in systematic observations	1	2	3	4	5
Require students to turn in written reports on experiments or systematic observations	1	2	3	4	5
Discuss current issues & events in science	1	2	3	4	5
Have students read supplementary materials	1	2	3	4	5
Have students give oral reports	1	2	3	4	5
Use computers	1	2	3	4	5
Discuss current magazine articles or books related to science	1	2	3	4	5
Discuss television programs about science	1	2	3	4	5
Have students independently design and conduct their own science projects	1	2	3	4	5
Require written reports on outside readings	1	2	3	4	5
Discuss career opportunities in scientific and technological fields	1	2	3	4	5
Discuss political debates over new inventions and technologies	1	2	3	4	5

Please indicate any other information about the composition, curriculum, or your plans for this course that you think would be helpful to the LSAY in understanding the influence of this course on the development of science skills and attitudes in the students enrolled in the class.

How many students are enrolled in this class?	Females		Males	

How would you rate the average academic ability of the students in this class compared to all 7th-graders in your school? (CIRCLE ONE)

Ability in this class is much higher than average	1
Ability in this class is somewhat higher	2
Ability in this class is about average	3
Ability in this class is somewhat lower	4
Ability is much lower than average	5

About what percentage of the students in this class .... (WRITE PERCENTAGES IN EACH COLUMN)	Females	Males
do you expect to stay in high school and graduate?		
do you expect will graduate from college with a baccalaureate?		
are content to do less than they are capable of doing?		
are keenly interested in science?		
are likely to take more than the required number of science courses in high school?		
Since the beginning of the school year, what percentage of the parents of the students in this class have you talked to individually about their student's classroom performance?		

How many hours of homework do you assign for this class in a typical week?

_____ hours/week

What percentage of the homework assignments do you correct and return to students?

_____ percent

What percentage of students usually complete their homework on time?

_____ percent

To what extent do you feel successful in providing the kind of education you would like to provide for the students in this class? (CIRCLE ONE)

Not very successful	1
Somewhat successful	2
Mostly successful	3
Very successful	4

Thank you for providing this information for us!