APPENDIX B: TECHNOLOGY INNOVATION CHALLENGE GRANT
SURVEY 2000

Dear Colleague,
Your responses to this survey are very important not only to the project, but to the entire US Department of Education Technology Innovation Challenge Grant Program. Your responses will be totally confidential; group results will be compared with those from several other districts throughout the country. Thank you for your help.
Karen C. Cohen and Associates

District:_____   **State:**_____

Grade Level: [1]_____Primary/elementary
                        [2]_____Intermediate
                        [3]_____Junior High
                        [4]_____Senior High

I.   ACADEMIC/PROFESSIONAL BACKGROUND AND EXPERIENCE
Please indicate your responses by **checking, circling, or filling in the blanks.**

1. What is the highest degree you have received?
    [1]_____Bachelor's + teaching credential
    [2]_____Bachelor's + units beyond credential
    [3]_____Master's
    [4]_____Master's + units beyond
    [5]_____Doctorate
    [6]_____Other, (Please specify)_____

2. In what Year did you receive your highest degree? 19__

3. Please indicate which teaching credentials you have and specify the content areas of all of the specialties. (Check all that apply.)
    [1]_____General Elementary
    [2]_____Single Subjects
    [3]_____Bilingual
    [4]_____General Secondary
    [5]_____Special Emergency
    [6]_____Multiple Subject
    [7]_____Other (What?)_____

4. How many years of teaching experience do you have **including this one**? ___Years

5. How many years **including this one** have you participated in the project? ___Years

6. How many technology-related professional development hours have you completed?
    [1]_____0-30 hours
    [2]_____31-50 hours
    [3]_____51-70 hours
    [4]_____over 70 hours

II.   USE OF TECHNOLOGY

7. Approximately how much time has your class spent using the tech center this year?
    _____Hours/week

8. On average, how much is technology available to you as part of your regular
    classroom program (not including tech center time)? Please indicate which of these
    are permanently in your classroom:

    In School   **In Class**
    [1]_____Video Equipment   _____hours/week
    [2]_____Computer equipment   _____hours/week
    [3]_____Laser disc equipment   _____hours/week
    [4]_____Other:_____   _____hours/week

9. On average, how many hours a month do you spend doing the following project-
    related activities?
    [1] Participating in project meetings and in-services   _____hours
    [2] Planning/developing instructional activities/curriculum units   _____hours
    [3] Becoming familiar with technology on your own   _____hours
    [4] Helping students in the use of equipment during nonclass time _____hours
    [5] Other)specify)_____ _____hours

10. On a regular basis, do most of your students use the following as part of the
    curriculum:

	YES	NO
[1] Drill and practice programs	___	___
[2] Basic authoring applications	___	___
[3] Advanced authoring applications	___	___
[4] Simulation software	___	___
[5] CD-ROM research resources	___	___
[6] World Wide Web	___	___
[7] Networked communications	___	___

11. How long have you been a frequent user of technology?
    [1]_____0-3months
    [2]_____3 months-2years
    [3]_____2-3 years
    [4]_____over 3 years

12. Does your school provide teachers with regular out-of-class preparation time for
    learning and integrating technology into the curriculum: _____Yes _____No

13. What is your level of technology skill (Please **circle the number** of the description
    that fits best.}

    [1] **Entry and Adoption** (just beginning to learn how to use basic applications such
    as word processors and drill and practice software)

[2] **Adaptation** (familiar with a variety of applications and often require students to use technology to complete assignments

[3] **Appropriation** (regularly use technology for collaboration, communication and research and integrate these processes into the curriculum)

[4] **Invention** (leverage technology to craft new curriculum and new teaching and learning techniques.

14. What pattern of student technology use best describes your classroom's use of technology? (Please **circle appropriate number**.)

[1] **Irregular, individual** (i.e. computers are in labs and libraries)

[2] **Regular, individual** use for **some** students (i.e. as a reward for students who complete in-classroom work

[3] **Irregular group use** for short collaborative activities and/or **regular individual use** for most students (students use digital resources to supplement classroom work)

[4] **Regular individual and group use** of technology as communication and research tools as needed (students leverage technology to engage in authentic project-based learning)

	In School	Outside School	Don't Know
15. What percent of your **students** do you estimate use a computer daily	_____%	_____%	_____%
16. a) What percent of teachers in your school do you estimate use a computer daily?	_____%	_____%	_____%

b) About what percentage of this time is unreimbursed, non-school time? _____%

III.   AVAILABILITY OF HARDWARE AND RESOURCES

17. What is your current **student-to-computer ratio** in the classroom?
    [1] _____ no computer in school
    [2] _____ greater than 25:1
    [3] _____ between 25:1 and 10:1
    [4] _____ between 9:1 and 5:1
    [5] _____ lower than 5:1

18. What kind of **printers** are available in your school?
    [1] _____ no printers in the school
    [2] _____ dot-matrix printer in the classroom
    [3] _____ inkjet laser printer in the computer lab
    [4] _____ inkjet or laser printers in most classrooms

19. How does your school/district deal with the **technical maintenance** and/or technical support of hardware?
    [1] _____ no official maintenance plan in place
    [2] _____ district level technical support staff services several schools
    [3] _____ full-time, in school technical support

20. How are your classes connected to the **Internet**?
    [1] ____ no Internet access in the school
    [2] ____ Internet access available in the library or computer lab
    [3] ____ less than 50% of classrooms are connected to the Internet
    [4] ____ more than 50% of classrooms are connected to the internet

IV.   EFFECTS OF THE PROJECT

21. How effectively do you feel you have been trained by the program in the following areas:

    ("1" = "not very well"; "5" = "very well")

    [1] curriculum development   1   2   3   4   5
    [2] use of equipment   1   2   3   4   5
    [3] use of software   1   2   3   4   5

22. How much follow-up and assistance has the project provided you in the following areas: **("1" = "not very much"; "5" = "a great deal")**

    [1] use of technology in instruction   1   2   3   4   5
    [2] planning and developing curriculum units and activities   1   2   3   4   5
    [3] becoming familiar with and learning about technology   1   2   3   4   5
    [4] training students in equipment usage   1   2   3   4   5
    [5] integrating the use of technology with instruction   1   2   3   4   5

23. How many times in the last school year have you shared your products and ideas with others?
[1] _____ at conferences
[2] _____ at in-service training sessions
[3] _____ informal presentations
[4] _____ Other (What?_____)

24. To what extent has your involvement in the project affected your expectations for your students' achievement? (Please explain).

25. How much of a difference (if any) has participating in the project had on your students' school-related attitudes and behaviors? Please use a rating scale where
("1" = "very little impact";"5" = "quite a bit of impact")
[1] increased liking of school   1 2 3 4 5
[2] improved confidence as a learner   1 2 3 4 5
[3] increased interest in technology   1 2 3 4 5
[4] improved student-teacher rapport   1 2 3 4 5
[5] increased participation in class   1 2 3 4 5
[6] improved student-student cooperation   1 2 3 4 5
[7] Other (Please specify below)   1 2 3 4 5

26. Please rate the effectiveness of the project in each of the following areas using a five point scale where **"1" = "not very effective"** and **"5" = "very effective"**.

[1] communication with team members   1 2 3 4 5
[2] communication across teams   1 2 3 4 5
[3] motivating teachers to use technology in their classrooms 1 2 3 4 5
[4] making technology available in classrooms   1 2 3 4 5
[5] involving teachers in project decision making   1 2 3 4 5
[6] project management and organization   1 2 3 4 5
[7] project leadership   1 2 3 4 5
[8] project in-services   1 2 3 4 5
[9] work study sessions   1 2 3 4 5
[10] operation of your tech center   1 2 3 4 5
[11] overall effectiveness of the project   1 2 3 4 5

27. Please rate the extent to which your involvement with the project will affect the
following: **("1" = "very little impact"; "5" = a great deal of impact).**
[1] Improve your overall teaching effectiveness   1 2 3 4 5
[2] Change your perceptions about students' learning abilities   1 2 3 4 5
[3] Change your instructional methods   1 2 3 4 5

28. Please rate the extent to which you agree or disagree with each of the following statements where "1" = "strongly agree" and "5" = "strongly disagree".

[1] I am enthusiastic about participation in this project   1 2 3 4 5
[2] Administrators at my school generally support the project   1 2 3 4 5
[3] My principal provides strong support for my teaching   1 2 3 4 5
[4] I feel a lot of stress at work   1 2 3 4 5
[5] I am satisfied with my work environment   1 2 3 4 5
[6] I feel excited by my students' accomplishments   1 2 3 4 5
[7] The project is helping me develop professionally   1 2 3 4 5
[8] I am developing teacher training skills   1 2 3 4 5

29. How satisfied are you with your students' progress?

30. Please share your impressions of the project's accomplishments and/or how it may be improved.

V. DEMOGRAPHIC INFORMATION

31. Gender   [1] ___ M
              [2] ___ F

32. Ethnicity   [1] ___ Caucasian
              [2] ___ Latino
              [3] ___ Native American
              [4] ___ Afro-America
              [5] ___ Asian
              [6] ___ Other (What?_____)

VI. THE NETCOURSE: *"Education for a Sustainable Future—Introduction"*

40. Did you **start** the netcourse?

    [1]___Yes

    [2]___No

        If "No", go to Section VII on the last page.

41. Did you **complete the netcourse**?

    [1]___Yes

    [2] ___No

    If you completed **some or all** of the netcourse, please respond to the following questions:

	Strongly Disagree					Strongly Agree

For the first half of the course:

[42] The coverage of the course was adequate	1	2	3	4	5	6	7
[43] The content of the course was confusing	1	2	3	4	5	6	7
[44] The content of the course was over my head	1	2	3	4	5	6	7
[45] The pace of the course was too slow	1	2	3	4	5	6	7
[46] The pace of the course was too fast	1	2	3	4	5	6	7
[47] The readings were appropriate	1	2	3	4	5	6	7
[48] Keeping a Journal was helpful	1	2	3	4	5	6	7
[49] Building a scenario was helpful	1	2	3	4	5	6	7
[50] Managing my time in taking the course was a problem	1	2	3	4	5	6	7
[51] Posting my thoughts in the discussion area was helpful	1	2	3	4	5	6	7

For the second half of the course—*Systems Thinking and Modeling*

[52] The readings were helpful and appropriate	1	2	3	4	5	6	7
[53] The exercises were helpful	1	2	3	4	5	6	7
[54] Making a model of a local/state issue was helpful	1	2	3	4	5	6	7
[55] Posting my thoughts on the Discussion Board was helpful	1	2	3	4	5	6	7

Other comments:

VII. FINAL REQUEST

We would appreciate the opportunity to contact you in the future about long-term impacts of this project. This information will be kept totally private and confidential and will be used for no purpose other than the external evaluation of this project. Your involvement will be totally voluntary. Could you provide us with your

Name:
Address:

Telephone:
E-mail:

Thank you for your help!

Karen C. Cohen and Associates
9 Cliff Road
Weston, MA 02493
Tel: (781) 237-3351
E-mail: Cohenka@aol.com